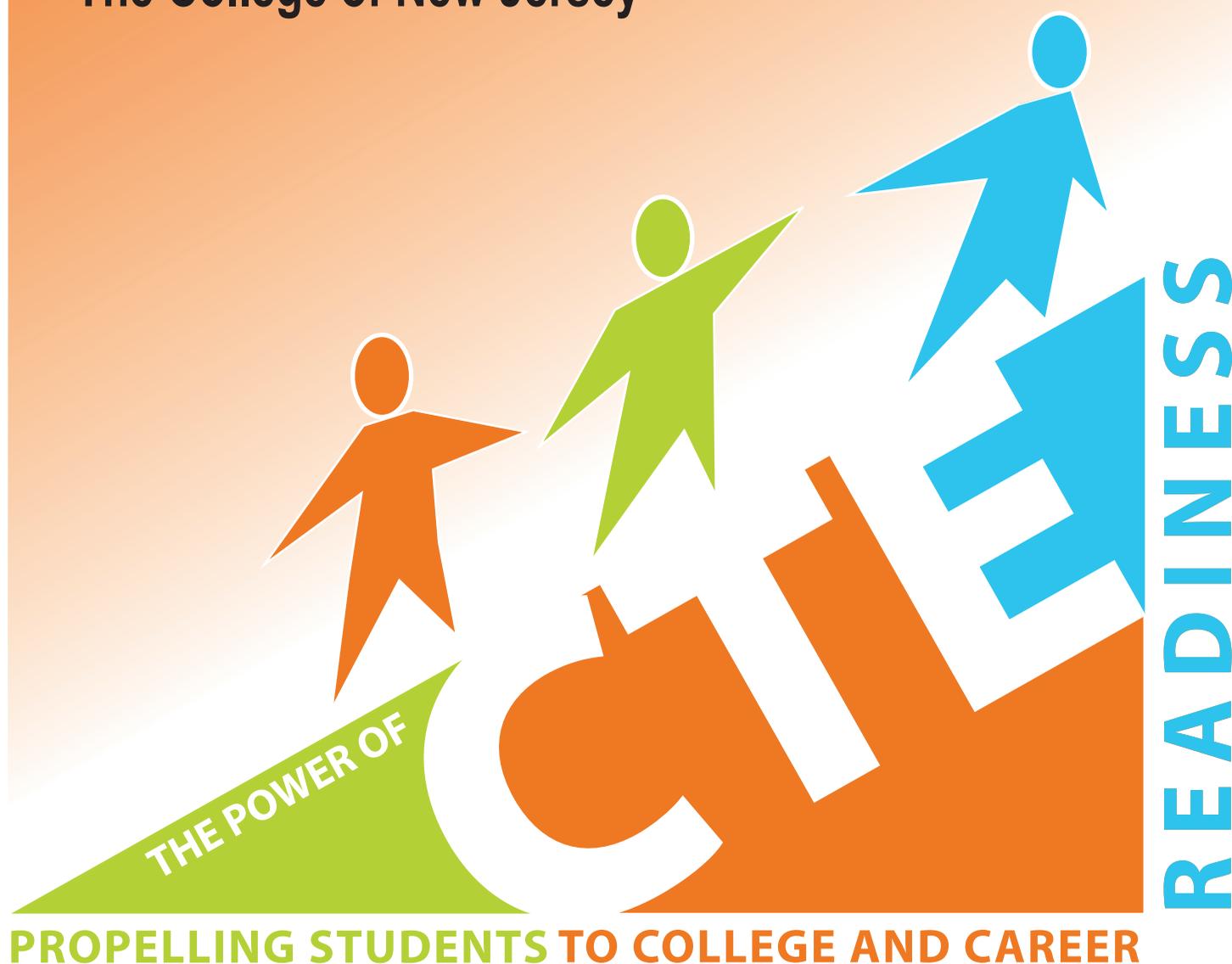


NEW JERSEY CTE Conference

May 22, 2013

The College of New Jersey



*Sponsored by the New Jersey Department of Education
Office of Career and Technical Education*



State of New Jersey
DEPARTMENT OF EDUCATION
PO BOX 500
TRENTON, NJ 08625-0500

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER D. CERF
Commissioner

May 22, 2013

Dear Conference Attendees:

Welcome to New Jersey's Career & Technical Education Conference, sponsored by the New Jersey Department of Education, Office of Career and Technical Education.

The careers of today and the future will require individuals to have a robust set of skills, including strong academics, technical skills, innovation, problem solving, and critical thinking. Today's conference, "The Power of CTE: Propelling Students to College & Career Readiness," will present many current and emerging practices geared at fostering the development of skills in students to meet the demands of this knowledge-based, global economy. Presentations on the development of rigorous CTE programs of study in various pathways, including those in New Jersey's Key Industry Sectors, will provide attendees with examples of implementation strategies. Additionally, there are multiple opportunities to learn more on a breadth of topics ranging from career exploration, dual enrollment, industry standards and the Common Core State Standards.

In developing this conference, we endeavored to provide a rich agenda with national and local experts in the field, sharing evidence-based strategies and techniques that illustrate the potential of career and technical education to engage students on their journey to successful careers in the 21st century workforce.

We value the efforts of all of our stakeholders involved in developing, implementing and supporting quality CTE programs. It is through this collaboration with partners in secondary and postsecondary education; business, industry and labor; and workforce development that CTE delivers programs of excellence that prepare students to meet the demands of this global economy. Your presence here demonstrates your dedication to helping students achieve success both academically and professionally.

Enjoy the day and thank you for participating!

A handwritten signature in cursive script that reads "Marie Barry".

Marie Barry, Director
Office of Career and Technical Education

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ACKNOWLEDGMENTS

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Governor, State of New Jersey

Christopher D. Cerf
Commissioner of Education

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A G E N D A

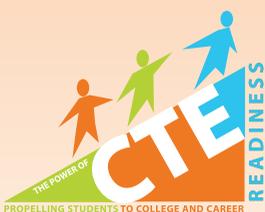
- 7:30 a.m. – 9:30 a.m.** **Registration and Display Area – Brower Student Center**
Perkins Kiosk available for drop in Q&A – Brower Student Center
- 8:30 a.m. – 9:30 a.m.** **Early Bird Workshop Sessions**
(see chart for specific building and room numbers)
- 9:30 a.m. – 11:00 a.m.** **General Session**
Kendall Hall – Main State Auditorium
Welcome
Marie Barry, Director
Office of Career and Technical Education
New Jersey Department of Education

Dr. R. Barbara Gitenstein, President
The College of New Jersey

Greetings from the State Board of Education
Arcelio Aponte, President
State Board of Education

Opening Remarks and Introduction of Keynote Speaker
Christopher D. Cerf, Commissioner
New Jersey Department of Education

Keynote Address
Dr. Brenda Dann-Messier
Assistant Secretary for Vocational and Adult Education
United States Department of Education
- 11:00 a.m. – 12:30 p.m.** **Workshop Sessions (sixty and ninety minute sessions)**
(see chart for specific building and room numbers)
Display Area – First Floor, Brower Student Center
Perkins Kiosk and Structured Learning Experience (SLE)
Kiosk available for drop in Q&A in Brower Student Center
- 11:30 p.m. – 1:30 p.m.** **Lunch on your own in Eickhoff Main Dining Hall**
- 1:00 p.m. – 4:00 p.m.** **Workshop Sessions (sixty and ninety minute sessions)**
(see chart for specific building and room numbers)
Display Area – First Floor, Brower Student Center
Perkins Kiosk and Structured Learning Experience (SLE)
Kiosk available for drop in Q&A in Brower Student Center
- 4:00 p.m.** **Conference Adjourns**



Keynote Address

Dr. Brenda Dann-Messier

*Assistant Secretary for Vocational and Adult Education
Office of Vocational and Adult Education
United States Department of Education*



Brenda Dann-Messier was nominated by President Obama as assistant secretary for vocational and adult education on July 14, 2009. On Oct. 5, 2009, she was confirmed by the U.S. Senate and began her official duties on Oct. 13, 2009.

As the first assistant secretary who is also an adult educator, Dann-Messier leads the Department's efforts in adult education and career and technical education, as well as efforts supporting community colleges and correctional education. She runs the Office of Vocational and Adult Education (OVAE), which oversees the administration of seven grant programs in these areas, totaling approximately \$1.7 billion annually.

OVAE's vision is that all youths and adult students (1) are ready for, have access to, and complete college and career pathways; (2) have effective teachers and leaders; and (3) have equitable access to high quality learning opportunities on demand.

In her role as assistant secretary, she has led extensive strategic planning and policy initiatives to craft a blueprint for reform in the U.S. career and technical education system and codified new legislative priorities for the reauthorization of the Workforce Investment Act in order to transform service delivery and build viable career pathways for low-skilled youths and adults. Dann-Messier has established collaborative partnerships with the private sector and other public agencies to increase resources for immigrant integration, correctional education, career pathways, and disconnected youths; and she has spearheaded a ground-breaking federal partnership with the Department of Energy to vastly expand the availability of open education resources through an innovative e-training platform. Dann-Messier has led OVAE's portfolio investments in research, and high-quality technical assistance and professional development for state and local education providers to promote college and career readiness, teacher effectiveness, and postsecondary access and completion—including development of the Adult College Completion Tool Kit for states' use. Dann-Messier also has represented the Department in numerous international conferences and high-level consultations in South America, Asia, and Europe.

The daughter of immigrants seeking new opportunities in America, Brenda Dann was born in West Orange, N.J., to a German father and an Italian mother. At age 6 months, she moved with her family to Warwick, R.I., where she grew up. The assistant secretary and her husband, Daniel Messier, a retired middle-school science teacher, reside in Washington, D.C.

NJ DEPARTMENT OF EDUCATION



Christopher D. Cerf

Commissioner
New Jersey Department of Education

As New Jersey's Commissioner of Education, Mr. Cerf oversees 2,500 public schools, 1.4 million students, and 110,000 teachers in over 600 school districts. Between 2004 and 2009, he was Deputy Chancellor of the New York City Department of Education where he oversaw organizational strategy, innovation, labor relations and all matters pertaining to recruiting, supporting, developing and evaluating the nearly 80,000 teachers and 1,450 principals who work in the nation's largest school district. Before assuming that role, he served as New York City Chancellor Joel Klein's Chief Advisor on Transformation, where he led efforts to redesign the financial and organizational structure of the nation's largest school district.

Commissioner Cerf served for eight years as the President and Chief Operating Officer of Edison Schools, Inc, which managed 150 public schools in 19 states and provided other educational services in an additional 700 schools in both the U.S. and Great Britain. He earlier served as Associate Counsel to President Clinton and as a partner in two Washington, D.C., law firms. A graduate of Amherst College and Columbia Law School, where he was Editor-in-Chief of the Law Review, Mr. Cerf served as a law clerk to U.S. Supreme Court Justice Sandra Day O'Connor. He graduated from the Broad Urban Superintendents Academy in 2004. Prior to attending law school, he spent four years as a high school history teacher in Cincinnati, Ohio.

Arcello Aponte

President
New Jersey State Board of Education

Arcelio Aponte has over twenty years experience providing administrative management, project management and policy development. He is currently the President of the New Jersey State Board of education and brings over seventeen years of progressive and successful leadership in state and local government and public education.

Aponte is currently the Director of Operations and Management for Economic Development in the City of Newark. In this capacity, he provides management leadership for economic development, city planning, housing, workforce development, and reentry among other areas.

Before joining the City of Newark, Aponte served the Associate Vice President for Facilities and Construction Management at New Jersey City University where he developed and managed the University's \$500 million capital program that included campus real estate development and expansion, construction of new facilities, renovation of existing buildings, capital maintenance upgrades, and development of the campus master plan.

Aponte earned an MBA from Rutgers University and an Engineering Technology Degree from The College of New Jersey.



FEATURED SPEAKERS



Kimberly A. Green

Executive Director, National Association of State Directors of Career Technical Education Consortium

For the past twenty years, Kimberly A. Green has worked extensively on federal policy impacting Career Technical Education (CTE). Working closely with Congress, the Administration and a broad range of stakeholders, she represents the interests of and seeks support for CTE. In addition to this policy work, Kimberly helped establish, implement and grow the national Career Cluster® Initiative, the Common Career Technical Core, the CTE: Learning that Works for America Campaign and the Career Readiness Partner Council – all of which are designed to build visibility and support for CTE, while also raising the bar for CTE by ensuring consistency in the delivery of high quality programs to students across the U.S.

Kimberly represents the state directors on a variety of boards and committees including the Manufacturing Skills Standards Leadership Council, the National Technical Honor Society, the Executive Committee of the National Career Academy Coalition, and the Technical Advisory Groups for Adult Career Pathways, and 21st Century Community Learning Centers. She is an accomplished speaker, having presented in all 50 states and is considered a nationally recognized expert in CTE. With the support of Pell Grants and the federal work study program, she is a graduate of Cornell University's School of Industrial and Labor Relations.

Kent Scheffel

President-Elect, National Alliance of Concurrent Enrollment Partnerships (NACEP), and Vice President of Enrollment Services at Lewis and Clark Community College

Kent Scheffel serves as the Vice President of Enrollment Services at Lewis and Clark Community College in Godfrey, IL. Included in his responsibilities is Lewis and Clark's High School Partnership Program, which enrolls more than 6,000 dual credit students annually. The program also includes Early Start, which enables qualified high school seniors to attend on-campus courses at a discounted tuition rate, and the Silver Medallion Awards banquet which recognizes the top 8 percent of graduating seniors. The college-based ceremony is conducted in cooperation with local media and major employers. He has also served as president of a local school board, the River Bend Growth Association, and the Southwest Illinois Division of the United Way. Lewis and Clark has experienced 18 consecutive years of enrollment growth.



FEATURED SPEAKERS



Dr. Tracey Severns

Chief Academic Officer, New Jersey Department of Education

Dr. Tracey Severns is a dedicated educator who has worked with children of all ages and ability levels. She has served as a special education teacher, vice principal, principal, superintendent and adjunct professor. Dr. Severns has a Baccalaureate degree in Psychology, a Masters degree in Teaching, and a Doctorate in Educational Administration and Supervision. She is certified in Elementary Education, Special Education and K-12 Administration. Dr. Severns is currently serving as the Chief Academic Officer for the New Jersey Department of Education.

Dr. Severns is an experienced presenter who has provided workshops on the topics of homework, grading practices, special education, middle level education, curriculum and assessment, educational leadership, and data analysis on the state and national levels. In recent years, she won three Principal Fellowship Grants from the Dodge Foundation to study Spanish and was awarded the Outstanding Service and Leadership Award by the New Jersey Coalition of Educational Leaders. In addition, Dr. Severns was selected as one of eight principals to represent the United States in Brazil. In 2011, Dr. Severns received the Middle Level Leadership Award and was selected as New Jersey's Visionary Principal of the Year. In the same year, Dr. Severns was named a National Distinguished Principal. In 2012, after eight years of work as principal with her school community, Mt. Olive Middle School was named a National School of Change, one of only six schools in the United States to receive this distinguished honor.

Dr. James R. Stone III, Director

National Research Center for Career and Technical Education University of Louisville

Dr. James Stone is a native of Washington D.C. He grew up in Virginia where he later managed retail establishments for more than ten years, leaving that career to teach secondary marketing education in Fairfax and Loudoun Counties. He earned his B.S. and Ed. D. degrees at Virginia Polytechnic Institute and State University and a Master's in School Administration at George Mason University. Stone has held faculty positions at the University of Wisconsin-Madison and the University of Minnesota. He currently is a Distinguished University Professor in the College of Education and Human Development at the University of Louisville.

Dr. Stone was part of the University of Minnesota team that developed the successful bid for the National Centers in Career and Technical Education (1999). He initially served as the Deputy Director of the National Research Center for Career and Technical Education from 1999-2002 and then Director from August 2002 to October 2007. Stone led the University of Louisville group that successfully competed for the new National Research Center awarded by the USDE/OVAE that began operations on October 1, 2007 where he continues to serve as Director.

Dr. Stone has maintained an active program of research over the past twenty years. In addition to the Center grants, he has been responsible for more than \$34 million in external grants focusing primarily on the role of schools in linking youth and adults to the workplace. He directed or co-directed eight studies in the National Center for Research in Vocational Education-University of California-Berkeley. He was the lead researcher on the Math-in-CTE study of contextualizing math in occupational curricula.



FEATURED SPEAKERS



William C. Symonds

Director, Pathways to Prosperity Project, Harvard University Graduate School of Education

Bill Symonds is the director of the Pathways to Prosperity Project, which is based at the Harvard Graduate School of Education. The Pathways Project was created in 2008 to find promising solutions to our national failure to prepare many young adults for success. In February 2011, the Pathways Project released a major report summing up its research and recommendations in Washington, at an event that included keynote remarks from Education Secretary Arne Duncan and other key officials. The report, *Pathways to Prosperity: Meeting the Challenge of Preparing Young Americans for the 21st Century*, has since generated enormous interest from around the nation, including speaking invitations from organizations in two-thirds of the states. In response to this

interest, the Project convened a national conference at Harvard on March 18-19, 2013, called "Creating Pathways to Prosperity." The conference featured more than 100 nationally-known speakers, and attracted attendees from 42 states as well as four foreign countries. The Pathways Project now hopes to work with the many organizations involved with the conference to launch a national movement to build better pathways systems for our youth, which would include high-quality career guidance, world-class career education, and far more opportunities for work-based learning.

Symonds helped create the Pathways Project while he was a senior fellow at Harvard's John F. Kennedy School of Government in 2007-8. Prior to that, he spent nearly 25 years as a senior correspondent and bureau chief for *Business Week Magazine*. During his career at *Business Week*, he covered business in the U.S. and abroad, and led bureaus in Pittsburgh, Denver, Boston, Toronto and Rome, Italy. He also served as *Business Week's* chief education correspondent for many years, and wrote extensively about the role of U.S. business in school reform..

KEYNOTE ADDRESS

“CTE: This is Our Time”

*Dr. Brenda Dann- Messier, Assistant Secretary for Vocational and Adult Education,
US Department of Education*

Against the backdrop of unprecedented support for career and technical education from State houses to the White House, Assistant Secretary Brenda Dann-Messier will address the current state of our student’s readiness for college and careers. She will discuss our national goals for career readiness and the steps that are being taken at the federal level to meet those goals. She will leave participants with a charge for continuing their momentum in developing high-quality career and technical education programs for all students in New Jersey.

PERKINS AND STRUCTURED LEARNING EXPERIENCE KIOSKS

Perkins Kiosk

The Perkins Kiosk will be available to provide grantees an opportunity to ask programmatic and fiscal questions related to their specific Perkins Grant. Staff members from the Office of Career and Technical Education will be available throughout the day to answer questions related to CTE data, allowable uses of funds, Perkins strategies and activities, and budget questions.

Structured Learning Experience (SLE) Kiosk

Structured Learning Experiences are an integral component of CTE programs and provide students opportunities to participate in experiential, supervised learning to more fully explore career interests. Come visit the SLE Kiosk and have your structured learning experience and cooperative education experience questions answered by Anne Freeman, Education Program Development Specialist, Office of Career and Technical Education, NJDOE.

WORKSHOP DESCRIPTIONS

Active Learning and Engagement Strategies for CTE Teachers

Presenter: Ronni Reed, Brookdale Community College, CTE Alternate Route Curriculum Committee, Educational Consultant

The session will begin by asking the question, "Why active learning and engagement?" This session will then focus on active learning and engagement strategies to help CTE educators build repertoires of strategies to engage more students, more of the time. Participants will actively practice these instructional strategies that support the CCSS, and begin to reflect on when to use them effectively. The following strategies will be addressed: Anticipation/Reaction Guide, Interactive Notebooks, Learning- Buddies, RAFT, Four Box Synectics Review.

Advanced Manufacturing Road Show for Schools

*Presenters: Kevin Mayer, Productivity Center Manager, Sandvik Coromant Company
Mike Seitel, Chief Operating Officer, Norwalk Design*

This session will share a 45 minute "road show" being developed and to be delivered by NJ regional manufacturers, offered in partnership with any school choosing to participate. Tailored to middle school and high school classes, advanced manufacturing companies will share messages around modern manufacturing, the range of career paths available within manufacturing, the importance of this sector to the US, and most importantly, talk about products and processes they use at their company to MAKE stuff. This "road show" will be available in select regions starting in Fall 2013.

Benefits of Adopting a Health Science Program of Study

*Presenters: Robert Berezny, CTEP Director, Health Science Grant, Gloucester County College
Suzanne D'Anna, Health Science Careers Program Director, UMDNJ-SHRP
Antoinette Fugee, NJ HOSA Project Director/State Advisor*

The workshop will address the accomplishments of the CTEP Pilot program and the benefits to the school and the students for adding a Health Science Program of Study. The benefits gained by students and educators by hosting a HOSA chapter will be discussed. The gains students will have at both the secondary and post-secondary level will be highlighted. UMDNJ will speak to the academic rewards for students having access to programs aligned with UMDNJ courses and the opportunity to earn college credits for participation.

Best of Both Worlds: Connecting HS Students with Registered Apprenticeship and College

*Presenters: Stephanie Harris-Kuiper, Executive Director, NJ Health Care Employers District 1199J Training and Development Fund
Bruce Negri, United States Department of Labor, Office of Apprenticeship*

Come hear about the United States Department of Labor - Office of Apprenticeship Registered Apprenticeship (RA) program! RA is a comprehensive post-secondary training program leading to a nationally recognized industry credential (and in some cases, college credit) in one of 1,000+ occupational titles. The employer is the mentor, providing on-the-job training and the employee, as an apprentice, takes related coursework. Highlights of the workshop will include information about Youth Transition to Work (YTTW) best practices and requisites to enter either union or non-union apprenticeship programs. College credit for registered apprentices will also be addressed.

WORKSHOP DESCRIPTIONS

Building a Model Advisory Board

*Presenters: Joseph Gravino, Automotive Instructor, Passaic County Technical Institute
Robert Gray, Assistant Principal, Passaic County Technical Institute
James Riordan, Director of Guidance, Cherry Hill Schools*

Come hear from these two high schools how to form a successful advisory board for your CTE program and how to enlist support from business and industry in doing so!

Building a Strong Career Pathway System for New Jersey: A Conversation with Assistant Secretary Dann-Messier

*Presenter: Dr. Brenda Dann-Messier, Assistant Secretary for Vocational and Adult Education,
Office of Vocational and Adult Education, US Department of Education*

Roundtable discussion on building a strong career pathway system for New Jersey. **(session by invitation only)**

Building Statewide CTE Professional Development Capacity Through Use of WebStudy

*Presenters: Yvonne Kilson, MA, Camden County College CTEP Program Coordinator
Maureen Reidenauer, MAED, RD, Camden County College CTEP Program Coordinator
Margo Venable, MBA, Camden County College CTEP Grant Director*

Effective professional development should be sequential, sustained and intensive, which can be difficult to achieve for all CTE instructors throughout the state due to budget constraints. Participants will discover how the Human Services CTE partnership grant at Camden County College is working to overcome the challenges of providing effective *CTE Professional Development* through use of the College's WebStudy Course Management System.

Business + CTE = Perfect Together!

*Presenters: Sivaraman Anbarasan, Executive Director, County College Consortium
Meredith Aronson, Director, Advanced Manufacturing
Judy Savage, Executive Director, New Jersey Council of County Vocational-Technical Schools
Robert J. Staudinger, President & CEO, National Manufacturing Company, Inc.
Melanie Willoughby, Senior Vice President, New Jersey Business & Industry Association*

Businesses and CTE must partner together to identify and address critical workforce needs. This session explores these efforts by examining the positive experiences of an ongoing NJBIA Manufacturing Coalition that engages higher education, employers, state officials and CTE representatives to combine resources and efforts to create a skilled and competent manufacturing workforce. This is a case study for future collaborative efforts in all industry sectors.

Career and Technical Education/Special Education Work Group Panel

This workshop, which is being presented by the newly formulated CTE/Special Education workgroup, will address the development of criteria for "self-contained" special education CTE programs, discuss inclusive model implementation challenges, and share successful practices and strategies that prepare CTE special education students for high wage, high skill, high demand occupations. Panelists include CTE/Special Education workgroup team members from schools across New Jersey.

WORKSHOP DESCRIPTIONS

Creating Pathways to Prosperity: Lessons from the Harvard Conference

Presenter: Bill Symonds, Director, Pathways to Prosperity Project, Harvard Graduate School of Education

In March, the Pathways to Prosperity Project hosted a 2-day national conference at Harvard focused on what we must do to create pathways systems that will prepare more young people to lead successful lives as adults. The conference attracted more than 400 leaders from business, education and government, and featured more than 100 nationally-known speakers. In this presentation, William Symonds – who organized the conference – will sum up the key takeaways from the conference, and discuss the implications for CTE in New Jersey and the nation. There will also be time for questions.

CTE, Education Reform and College and Career Ready: Evidence to Inform Policy and Practice

Presenter: James R. Stone III, Professor and Director, National Research Center for Career & Technical Education, University of Louisville

In an era of “Blueprints” for a new Perkins and a focus on college and career readiness, policy makers make many assumptions about the value of CTE in the broader educational agenda. Assumptions can be tested or at least explored with existing data or new research. This presentation will focus on helping you understand current research on changes in the labor market, the effect of past education reform efforts (e.g., Nation at Risk, NCLB) and the effect of CTE participation on student outcomes.

CTE, POS, CCR, CP, EIEIO and other Initialisms: Making Sense of Reality and Making Life Better for Youth and Young Adults

Presenter: James R. Stone III, Professor and Director, National Research Center for Career & Technical Education, University of Louisville

The landscape of education is rapidly changing. In response to a lethargic labor market, little change in K-12 education outcomes over the past 30 years and increasing pressure on higher education, especially community colleges to become the workforce development agencies for the country, the federal government has been pressing secondary CTE and postsecondary to do more. Programs of study, college and career ready, and career pathways are part of the sometimes confusing and often contradictory vocabulary. This presentation will draw on current NRCCTE research to present a straightforward framework for a systems approach linking secondary and postsecondary CTE to create a brighter future for all students.

Developing Student Growth Objectives (SGOs) for CTE teachers

Presenter: Carl Blanchard, Policy Manager, Office of Evaluation, NJ Department of Education

Carl Blanchard, Policy Manager from the Office of Evaluation at NJDOE, will facilitate this workshop on Student Growth Objectives in a variety of Career and Technical Education programs. An overview of SGOs will be provided, followed by work time in which teachers and administrators collaborate to explore the SGO process. The work will focus specifically on the appropriate use of assessments, portfolios and standards that are aligned with CTE career clusters and pathways. **(pre-registration required)**

Developing Student Growth Objectives with Common Core Literacy Standards in CTE Programs

Presenter: George Johnson, School Improvement Consultant, Southern Regional Education Board, High Schools That Work

This presentation will feature developmental methods of creating Student Growth Objectives to address Common Core Literacy Standards in CTE programs. George Johnson, School Improvement Consultant, SREB, High Schools That Work will facilitate this active workshop to help participants understand how literacy SGO's and related instruction can be effectively embedded into any CTE pathway.

WORKSHOP DESCRIPTIONS

Enhancing Dual/Concurrent Enrollment Quality through NACEP's National Standards and Accreditation

Presenter: Kent Scheffel, President-Elect, National Alliance of Concurrent Enrollment Partnerships (NACEP), and Vice President of Enrollment Services at Lewis and Clark Community College

Dual and concurrent enrollment courses play an increasingly important role in Career Pathways and Programs of Study. The National Alliance of Concurrent Enrollment Partnerships' (NACEP) national standards and accreditation process ensure that college courses offered in high schools are as rigorous as courses offered on the sponsoring college campus. The standards provide a roadmap for an institution to engage campus faculty in overseeing the content, quality, and effectiveness of courses taught at secondary school locations. Examples will draw on the experience of Lewis & Clark Community College, one of the largest concurrent enrollment programs in Illinois, and will share best practices and example mechanisms for how an institution can facilitate successful college and career transitions through effective institutional partnerships.

Enhancing Teaching and Student Leadership in Entrepreneurship and Finance

Presenters: Robert Carson, Business and Marketing Educator, Burlington Township High School and CTEP Finance Curriculum Writer

Nancy Ostrowski, Business Education/Technology Teacher (retired), Piscataway High School, and CTEP Business Management and Administration Committee Chairperson and Curriculum Writer

Jonathan Rowe, CTEP Project Director, Mercer County Community College

Grace Wilson, CTEP Project Coordinator, Mercer County Community College

Mercer County Community College (MCCC) has been chosen to participate in a national Career and Technical Education Partnership (CTEP) initiative by bringing together business leaders and educators to develop project-based curricula in entrepreneurship and finance that are aligned with NJ CTE standards as well as the Common Core State Standards in Math and Language Arts. The purpose at this workshop is to discuss the benefits of participating in the implementation of authentically designed curricula, which enables schools to not only create CTE classroom modules that lead to high-wage, high-skill or high-demand occupations, but also increase the percentage of students leaving high school prepared for postsecondary study.

Implementing Personalized Student Learning Plans (PSLP)

Presenters: Matthew Konowicz, Assistant Principal, Northern Burlington County Regional High School

Diana Lobo, Director of HSTW/Special Programs, Abraham Clark High School

Debra Serafin, Assistant Principal (retired) and Ann Valerio, Interim Health/PE Supervisor, North Brunswick Township High School

A Personalized Student Learning Plan is defined as a formalized plan and process that involves students setting learning goals based on personal, academic and career interests, beginning in the middle grades and continuing throughout high school with the close support of adult mentors that include teachers, counselors and parents. New Jersey's Personalized Student Learning Plan Pilot Program explored meaningful, creative and flexible ways to personalize the learning environment through the development and implementation of a Personalized Student Learning Plan. This workshop will share lessons learned from schools that participated in the pilot regarding their PSLP implementation.

WORKSHOP DESCRIPTIONS

Incorporating PBL and CCSS into the Marketing Program of Study

*Presenter: Til Dallavalle, CTE Partnership - Project Coordinator, Marketing Career Cluster, Middlesex County College
Sheri Einhorn, Teacher, Burlington Township High School*

This session will provide an overview of the Marketing Program of Study curriculum which turns the classroom into a student-centered environment. The Project Based Learning Units incorporate Common Core State Standards in Language Arts. Preparing for a successful career in Marketing requires students to develop advanced skills in both reading and writing. This presentation will provide examples of how students demonstrate these skills as they build a portfolio they can use to express their level of College and Career Readiness.

Industry Voices in Advanced Manufacturing

*Presenters: Mike Dombrowski, VP Real Estate and HQ Services, Johnson & Johnson
Kevin Mayer, Productivity Center Manager, Sandvik
Michael Sarno, President and CEO, Qualicaps (recently sold)
Bob Staudinger, President and CEO National Manufacturing Co.*

New Jersey is a state with over 10,000 manufacturers – many of whom make and sell things globally. This panel, with representatives from several industry sectors, will explore what modern manufacturing looks like for technology-driven companies, and the implications for educators and students.

Is your school READI? Increasing Access and Success for Special Populations in Your CTE Programs

*Presenters: Career Equity Resource Center, Rutgers University Susan Bodofsky, MSW – Senior Program Coordinator
Teresa M Boyer, EdD – Professor and Executive Director
Glenda Gracia-Rivera, MPA – Associate Director*

READI School Team leaders

*Jessica Cangelosi, Supervisor of Curriculum and Instruction, Hunterdon Polytech
Sharon Nemeth, Principal, Health Careers Center and Dana Hice Depugh,
Supervisor of Secondary Education, Mercer County Technical Schools*

School leaders and administrators: Do you struggle to enroll or retain marginalized students in your high-skill, high-wage programs? Are your nontraditional students few and far between? Do your CTE programs represent the full diversity of your student population? The Career Equity Resource Center (CERC) at Rutgers University, funded by the NJ Department of Education, can help you address these issues and more, at no cost to your institution. Come learn about resources and services that CERC can provide, and preview how tools like Micromessaging can be used to help your programs be more inclusive. Also, hear from some of the schools that we have worked with on these issues, including in our Regional Equity and Access Development Initiative (READI).

Jobs4Jersey – Where Talent Meets Opportunity

*Presenter: Mary Ellen Clark, Assistant Commissioner, Workforce Development,
New Jersey Department of Labor and Workforce Development*

Come learn how teachers, guidance counselors and students can use the Jobs4Jersey Toolset to learn about careers, career pathways and jobs opportunities based on real data—www.jobs4jersey.com is the place for job search information in New Jersey. Jobs4Jersey's OnRamp tool gives teachers, guidance counselors and students access to information on thousands of jobs within NJ and the surrounding areas with close to 200,000 jobseekers registered and over 5,000 New Jersey employers using the tool. Additionally, there are career insights tools which help students understand the education and experience needed for any given job and see what pathway individuals who have been successful in those jobs have traveled. OnRamp includes a robust resume building tool and skills-based job matching capabilities for the 21st century.

WORKSHOP DESCRIPTIONS

Makerspaces to Ignite and Invite Creativity in Making

Presenters: *Rick Anderson and Steve Carter, founders, NJ Makerspace Association, Rutgers Hack R Space and Headquarters Hackerspace
Dennis Montone, Supervisor, Bergen County Technical Schools
Andrew Ziobro, Instructor, Newark Tech/Essex County Vocational Technical Schools*

Come hear how Makerspaces and Fablabs are taking off across the country, creating opportunities for tinkering and learning how to make cool stuff. Also, hear about where they are emerging in New Jersey, and how you might get involved.

National Perspective on CTE

Presenter: *Kimberly A. Green, Executive Director, National Association of State Directors of Career Technical Education Consortium*

CTE is the “in” topic in federal policy circles. This presentation will give you “Inside the Beltway” insights to latest policy and political conversations relevant to CTE. Learn the status of the reauthorization of Perkins, the Workforce Investment Act, and the Elementary and Secondary Education Act, and walk away with a variety of tools to help stay connected to these policy discussions.

New Jersey’s Talent Networks: Role and Vision

Presenters: *Meredith Aronson, Director, Advanced Manufacturing
Padma Arvind, Director, Health Care
Tony Campo, Director, Transportation, Logistics and Distribution
Bob Crawford, Director, Financial Services
Vicki Gaddy, Director, Life Sciences
Donna Levan, Director, Technology/Entrepreneurship
Various representatives from industry/employers*

The NJ Department of Labor and Workforce Development (LWD) has created Talent Networks as a way of working within industry sectors. The Talent Networks form strategic partnerships of employers, educators, and workforce professionals to strengthen the workforce for their industries. By identifying skills gaps, it also allows LWD to be more effective with funds used for training and placement by working within these sectors as they account for one-half of all the jobs in New Jersey and two-thirds of all the wages paid. Employers will be on hand to discuss business/education partnerships.

NJ’s Green Program of Study: Motivating and Engaging Students in an Innovative Field

Presenters: *Jessica Cangelosi, Supervisor of Curriculum and Instruction, Hunterdon County Polytech
Nancy Wheeler Driscoll, Director of Curriculum and Instruction, Cape May County Technical School District
Todd Menadier, Director of Implementation and Development, NJ Green Program of Study
Dennis Montone, District Supervisor of Math Science, Bergen County Technical Schools*

Now in the final stages of development, the NJ Green Program of Study is helping pilot school districts to link science and technical skills while emphasizing sustainability and technology. The curricula offer extensive collections of project-based and digital lessons designed to engage students in authentic applications relating to: “Green” Construction; Sustainable Design/Architecture; and Sustainable Power and Energy Systems.

Attendees can expect to: learn about the framework including the course content, academic integration, industry certifications, and articulation agreements; hear supervisors from districts piloting the program share their school’s experiences and reflect on the benefits and challenges of implementing the Green POS through new programs or by modifying existing ones; and explore options for future professional development and continuing support opportunities for new Green POS districts.

WORKSHOP DESCRIPTIONS

Opportunities for High School Students in Global Logistics/Supply Chain Management

Presenters: Ayaz Aslam, Global Logistics Manager, FedEx
Martha McNulty, Director, Career and Technical Education Partnership, Raritan Valley Community College
Janice Pataki, Senior Strategic Solutions Manager, FedEx

The NJ Department of Labor and Workforce Development reports that one in ten jobs in the state are in the Transportation, Distribution and Logistics sector. This provides significant career opportunities for students in the Global Logistics/Supply Chain Management program of study being developed in partnership with the Southern Regional Education Board, Advanced Career Initiative. Presenters will provide an overview of this exciting field, details of the curriculum, and opportunities for high school participation.

Pathways to Prosperity Roundtable

Presenter: Bill Symonds, Director, Pathways to Prosperity Project, Harvard Graduate School of Education
(session by invitation only)

Personal Financial Literacy: Best Practices

Presenters: Bridgeton High School - Tamara Davis, Teacher, James Mitchell, Teacher, Brian Weinstein, Teacher, and Dorothy Realdine, Director of Curriculum
Greater Egg Harbor School District – Dawn Kosko, Teacher
North Warren Regional School District – Don Biery, Teacher
Phillipsburg High School – Kirby Hendershot, Teacher and Jason Kish, Teacher

The workshop will present curriculum and instructional best practices that serve to insure student mastery of personal financial literacy concepts, and position them to meet the graduation requirement. Participants will also benefit from a panel discussion comprised of several co-presenters (teachers, principals) from personal financial literacy pilot schools.

Reaching Out with Technology

Presenter: Sue Sullivan, Educational Technology Specialist, NJ Department of Education

Learn how to harness technology to build a global network of educational support for your work (Twitter). Learn about free collaborative tools for you and your students. Understand how software is the tool you make it!

Setting a New Standard: Common Career Technical Core

Presenter: Kimberly A. Green, Executive Director, National Association of State Directors of Career Technical Education Consortium

In June 2012, the Common Career Technical Core (CCTC) was unveiled. The CCTC is the result of the collaboration between 42 states, DC and Palau to develop a set of rigorous, high-quality standards for Career Technical Education programs of study. The CCTC is organized by the 16 Career Clusters® and 79 Career Pathways and introduces the Career Ready Practices. Learn more about the standards, their development process and the alignment study that is currently underway.

WORKSHOP DESCRIPTIONS

Socially Responsible Engineering & Technology: Preparing Students for STEM Careers in the 21st Century

*Presenter: Chris Anderson, Chair, STEM Advisory Committee, CTE Partnership Grant, The College of New Jersey
Alison Goeke, Director, CTE Partnership Grant, The College of New Jersey
Sherry Roses, Pilot Teacher, Socially Responsible Engineering & Technology Program of Study,
Howell High School*

The College of New Jersey's Center for Excellence in STEM Education partnered with the New Jersey Department of Education to create a model Program of Study in Engineering & Technology for NJ high schools.

Four courses (for grades 9-12) were developed by our state's top STEM educators, business leaders and industry professionals. The curriculum is project-based, standards-driven and connects cutting edge design challenges with career preparation and 21st Century Skill development. Additionally, the curriculum is correlated with Technology Student Association (TSA) competitive events and activities. High school students enrolled in this Program of Study will have the opportunity to graduate with postsecondary credit that can be applied toward several STEM-related degree programs at two and four-year institutions of higher education around the state.

The Year 1 Course, Technology, Engineering & Social Responsibility is currently being piloted in two NJ school districts. Come meet pilot teachers and project staff members, learn about the implementation process and take home sample activities and resources.

Special Session for Cohort II School Participants in the 2013-14 Literacy in CTE Initiative

Presenter: George Johnson, School Improvement Consultant, SREB, High Schools That Work

This is a "Meet and Greet" session for schools whose applications have been approved by OCTE to participate in the second cohort to implement the Literacy Design Collaborative model to address Literacy Standards in CTE. **(session by invitation only)**

Stackable Credentials and Industry Needs (Advanced Manufacturing and Healthcare)

*Presenters: Meredith Aronson, Director ManufactureNJ, Advanced Manufacturing Talent Network
Padma Arvind, Director, Healthcare Talent Network
Jeanine Nagrod, Program Director, NJPLACE
Gale Spak, Associate Vice President of Continuing & Distance Education, NJIT*

Increasingly, employers in manufacturing and healthcare are looking to hire individuals with specific certifiable skills, rather than diplomas alone. These employees then have opportunities to translate those credentialed skills to college credit, and can acquire college degrees while working. For example, the nationally recognized National Institute of Metalworking Standards (NIMS) can be started in high school and leads up to 21 college credits in some states. The panel will share industry-specific credentials that could be initiated in high school for job readiness, and later translated ("stacked") to college credits.

Strategies for Dual and Concurrent Enrollment

*Presenters: Kent Scheffel, President-Elect, National Alliance of Concurrent Enrollment Partnerships (NACEP), and
Vice President of Enrollment Services at Lewis and Clark Community College
Nancy Jordan, Dean of Academic Programs and Partnerships, Raritan Valley Community College
Margo Venable, Director, CTE Partnership Grant, Camden County College*

Invited college representatives and school district personnel will discuss strategies to increase CTE programs of study in New Jersey. During this session, you will engage in a conversation with a national expert and colleagues on the topic of dual and concurrent enrollment. **(session by invitation only)**

WORKSHOP DESCRIPTIONS

Tackling Common Core Literacy Standards in CTE Class: Best Practice from New Jersey Schools

Presenter: George Johnson, School Improvement Consultant, SREB, High Schools That Work

How can you meet the demands of your course content, prepare students for industry-based assessments and address all of the literacy standards at the same time? Learn about the efforts of eight New Jersey high schools currently developing instructional plans to combine literacy standards with critical course content. The Office of Career and Technical Education and the Southern Regional Education Board have co-sponsored a literacy training program for a cohort of New Jersey schools to address literacy standards in CTE classes. See what they have done!

Using the Common Core State Standards to Improve Student Achievement in CTE Programs

Presenter: Tracey Severns, Assistant Commissioner – Chief Academic Officer

Implementation of the Common Core State Standards will present many challenges for our students, teachers and leaders. During this workshop, participants will learn how instructional leaders and teachers can use the Model Curriculum and Unit Assessments to improve student achievement; how curriculum, instruction and assessment must change to support mastery of the CCSS; and how to provide teachers with the support necessary to implement these changes within the context of career and technical education. In addition, information will be shared regarding the transition to the PARCC assessments and the DOE's efforts to provide the resources and professional development necessary to support statewide implementation of the CCSS.

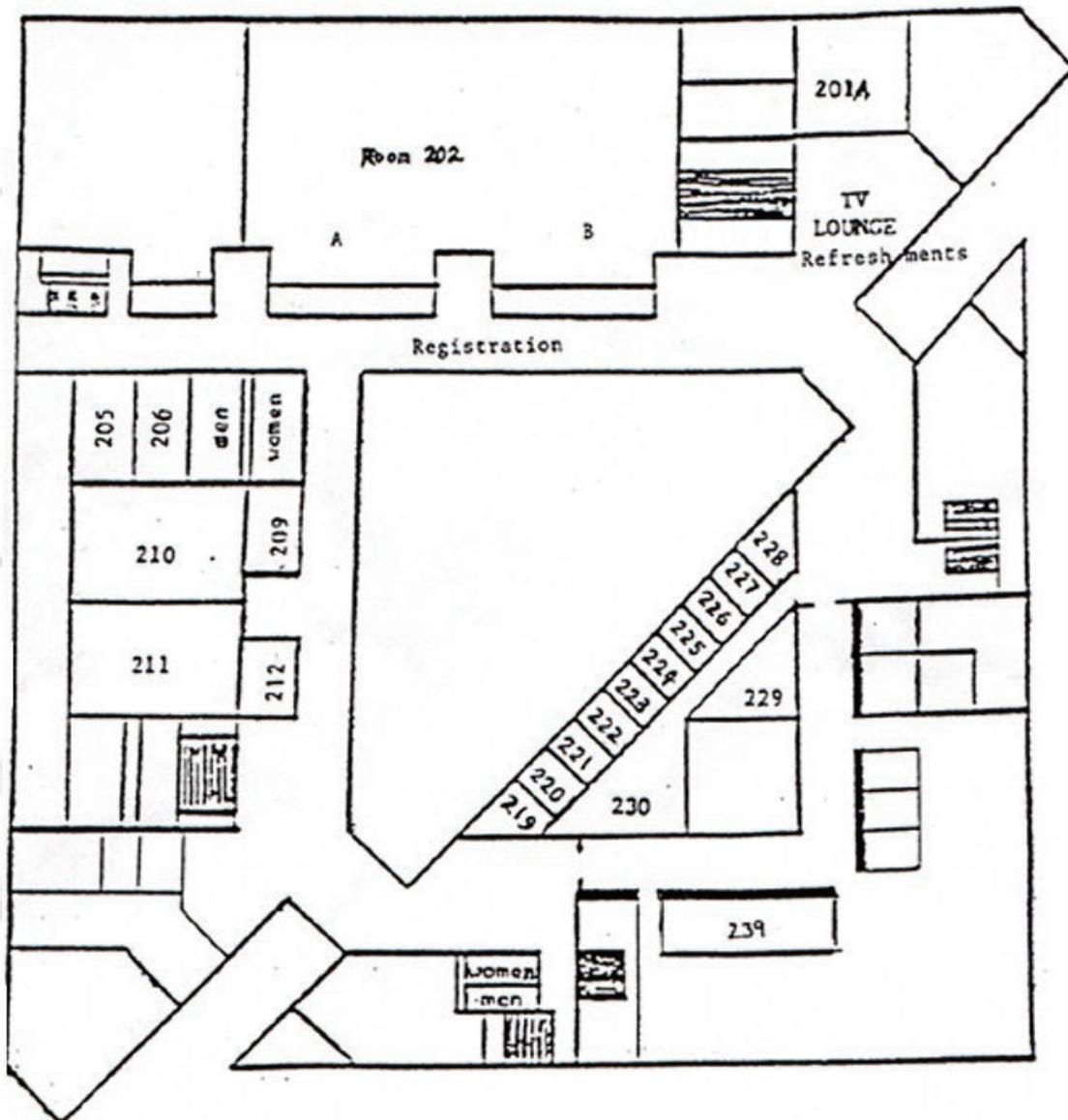
Using the New Jersey Career Assistance Navigator (NJCAN) to Help Students Meet Goals

Presenters: Laurie Harrington, Project Manager, Heldrich Center for Workforce Development

Marisa McCarthy, NJCAN Trainer, Heldrich Center for Workforce Development

Participants will be introduced to the New Jersey Career Assistance Navigator (NJCAN) and how it can be used to support student goal setting. NJCAN is a FREE, on-line career and college awareness tool and portfolio system that helps users assess their skills and interests, search for colleges and careers, set academic and personal goals and track their progress as they work toward their goals in middle and high school. NJCAN is a powerful resource for teachers, counselors, students and parents to support academic achievement and student success.

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