

21ST ANNUAL CONFERENCE

October 30 - November 1, 2017

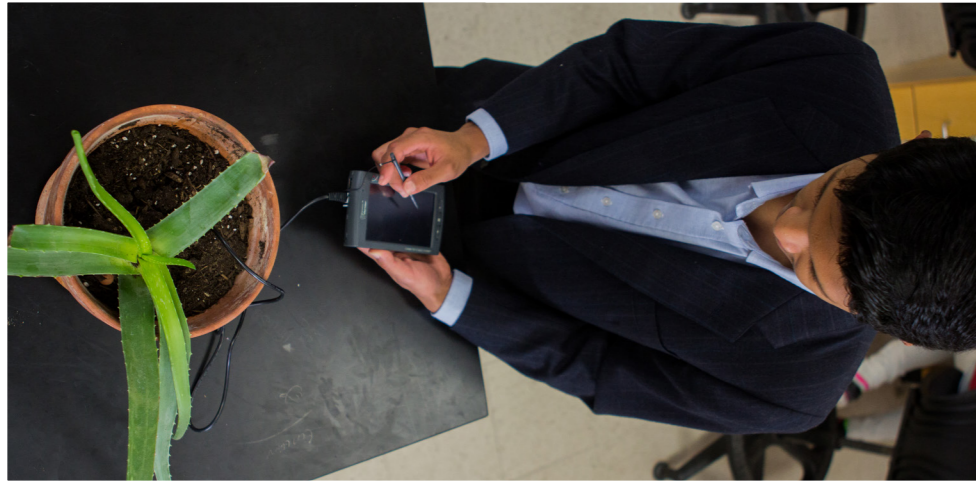
Nashville, TN



National Career Academy Coalition

COLLEGE CAREER LIFE

www.ncacinc.com/conference



WELCOME

I want to thank you for attending the National Career Academy Coalition's 21st Annual Conference. NCAC is pleased to be in Nashville, surrounded by so many school districts that are implementing quality career academies.

With the federal emphasis on economic and workforce development, career academies are continuing to spread around the country. Just recently, the federal government released a paper outlining Next Generation High Schools. This document aligns almost perfectly with the Ten National Standards of Practice. Community and elected leaders are recognizing the value of the collective impact approach on student achievement, daily attendance, graduation rates, and the economic impact of prepared students. These leaders clearly understand the importance of career academies and the impact they are having in preparing our students for the real world.

Career Academies provide the opportunity for educators to fully engage students as never before. The academy model empowers our youth to make informed choices about their future college and career. As educators, it is our responsibility to design stimulating and interactive learning environments where students collaborate, critically think, communicate, and demonstrate their creativity. We are preparing our future!

During our conference in Nashville, we are celebrating the accomplishments of academies that have reached model status. NCAC celebrates this achievement and recognizes the vision and dedication each model academy has demonstrated through the rigorous review process. Congratulations to each of you...your students are reaping the rewards! We also have national experts available for schools who are just beginning the academy journey. NCAC is here to support every school and every community taking bold steps to re-envision education.

In closing, I would like to provide a few acknowledgments and my grateful appreciation to the NCAC Board of Directors, all of the conference sponsors, NCAC partners, and the local committee for planning an outstanding conference. Remember, Every Day...Every Child!

Contact NCAC

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Pamela Daly
Pam Daly
NCAC President



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MISSION STATEMENT

The mission of the National Career Academy Coalition (NCAC) is to create and support a national network of existing and emerging career academies.

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Hunter's Lane High School JROTC
 Major Wayne L. Stiles (Instructor)

ENTERTAINMENT

Glenclyff High School Mariachi
 International Band
 Gabriela Fuentes (Director)

NATIONAL ANTHEM

Pearl-Cohn Entertainment
 Magnet High School

Sunday, October 29

| | | |
|-------------------|--------------------|-------------------|
| 5:00 pm - 8:30 pm | Presidential Lobby | Registration Open |
|-------------------|--------------------|-------------------|

Monday, October 30

| | | |
|---------------------|----------------------|--|
| 6:30 am - 8:00 am | Presidential North | Continental Breakfast for Pre-Session and Tours |
| 7:00 am - 9:00 pm | Presidential Lobby | Registration Open |
| 7:15 am - 12:00 pm | Presidential Portico | Academy Tours (lunch not provided) |
| 8:00 am - 12:00 pm | Presidential Lobby | Vendor Set-Up |
| 8:00 am - 2:00 pm | Jackson A - D | Pre-Sessions (Includes Breakfast & Lunch, Coffee at 10 am) |
| 12:00 pm - 12:30 pm | Jackson A - D | Lunch for Pre-Sessions and Vendors |
| 12:00 pm - 5:00 pm | Presidential Lobby | Exhibits & Student Project Showcase Open |
| 2:15 pm - 3:45 pm | Presidential North | Conference Opening & Awards Ceremony |
| 4:00 pm - 5:15 pm | | Session One Workshops & Roundtables |

Tuesday, October 31

| | | |
|---------------------|------------------------|--------------------------------------|
| 6:30 am - 8:30 am | Presidential North | Continental Breakfast/ Announcements |
| 7:00 am - 3:00 pm | Presidential Lobby | Registration Open |
| 8:00 am - 5:00 pm | Presidential Lobby | Exhibits Open |
| 8:00 am - 11:30 am | Presidential Chamber A | Student Power Talks |
| 9:00 am - 10:15 am | | Session Two Workshops |
| 10:30 am - 11:45 am | | Session Three Workshops |
| 12:00 pm - 2:00 pm | Presidential North | Keynote Speaker/ Door Prizes |
| 2:15 pm - 3:30 pm | | Session Four Workshops |
| 3:45 pm - 5:00 pm | | Session Five Workshops |

Wednesday, November 1

| | | |
|--------------------|----------------------|--------------------------------------|
| 6:30 am - 8:30 am | Presidential North | Continental Breakfast/ Announcements |
| 7:45 am - 12:00 pm | Presidential Portico | Business Tours/Encore School Tour |
| 8:00 am - 12:00 pm | Presidential Lobby | Exhibits Open |
| 8:00 am - 12:00 pm | Magnolia Ballroom | PBL Session - Ford NGL |
| 8:30 am - 9:45 am | | Session Six Workshops |
| 12:00 pm | | Conference Concludes |

Forward Thinking: The Nuts and Bolts of Envisioning and Creating A Career Academy

If you are just getting started with career academies, design them with the future in mind! The demands of the 21st Century learning and work environments mandate academy designs that are forward thinking. This session will use the ten National Standards of Practice (NSOP) as ways to organize academy visioning, design and implementation. The NSOPs cover topics such as academy design and structure, academy governance, teaching and learning, and more. Practical advice will be shared from seasoned academy professionals and participants will take home planning forms ready to use.

Sustaining Academies through Collective Impact

Starting career academies isn't easy. But neither is sustaining them. You will need the ongoing support of your entire community to keep your career academies thriving for generations to come. In this session hosted by Alignment Nashville/Alignment USA, you will hear how their collective impact approach has brought the entire community together - over more than 10 years - to create, sustain, and now reinvent the Academies of Nashville. You will take away specific strategies and concepts to help you ensure that career academies will continue to impact students for years to come.

Develop Your Communications Plan in 4 Hours

Every school district is looking for ways to reach their targets efficiently. There aren't ever enough marketing dollars or hours in the day to dedicate to communicating! This highly interactive session will help you create a first draft marketing plan tailored for your organization. It will include working with upper management, schools, and everyone else to achieve your Academy's needs. Bring with you a laptop and a copy of your school's strategic plan because all good marketing plans build on the organization's strategy. You will also receive a copy of a Marketing Plan to help you create yours.

Building Strong Business and Community Partnerships

Learn how to successfully onboard a business or community partner from intake to placement. Utilizing the PENCIL Partner Life Cycle Model, participants will discover how to build and nurture sustainable partnerships. PENCIL Partnership Core Competencies will provide insight on how to define, recruit and retain partners.

Jackson C

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Maplewood High School

Maplewood High School is an NCAC national model wall-to-wall career academy high school. The school has a freshman academy and three career academies: the Academy of Energy & Power; the Academy of Entrepreneurship & Innovation; and the Academy of Sports Medicine & Wellness. Attendees will see active business partnerships that have helped Maplewood establish the nation's first Bridgestone/ Firestone Automotive Training Center inside a high school, a community health clinic operated by Saint Thomas Health, a college and career center, and a business incubator. Maplewood's turnaround story is an inspiration. Pathways include: Automotive Technology (Automotive Maintenance & Light Repair), Diagnostic Services, Energy/Power Distribution, Entrepreneurship, Personal Care Services (Cosmetology), STEM Technology, and Therapeutic Clinical Services.

McGavock High School

McGavock High School is an NCAC national model wall-to-wall career academy high school. McGavock is Nashville's largest high school with a freshman academy and four career academies: the Academy of Aviation & Transportation; the CMT Academy of Digital Design & Communication; the Aegis Sciences Corporation Academy of Life Science & Law; and the US Community Credit Union/ Gaylord Opryland Academy of Hospitality & Finance. McGavock's business partners have assisted the school in creating impressive lab space throughout the school including a fully functioning student-run credit union, a state-of-the art aerospace facility, professional kitchen and restaurant, livestock operation and grooming facility, and a courtroom. McGavock is a popular destination for visitors; include former President of the United States, Barak Obama. Pathways include: Audio Production, Automotive Collision Repair, Aviation Flight, Aviation Maintenance, Banking and Finance, Broadcasting (Audio/ Visual Production), Culinary Arts, Design Communications, Diesel Technology, Diagnostic Services, Engineering by Design, Entrepreneurship, Hospitality and Tourism Management, Law Enforcement Services, Therapeutic Clinical Services, and Veterinary Science (Veterinary and Animal Science).

Stratford STEM Magnet High School

Stratford STEM Magnet High School is an NCAC national model wall-to-wall career academy high school and Nashville's only full STEM high school. Stratford has a freshman academy and two career academies. The two academies are the Academy of National Safety & Security Technologies and the Academy of Science & Engineering. Stratford partners with Vanderbilt University's Center for Science Outreach to create unique opportunities for teachers and students in the areas of science research and engineering in labs designed by the partners that mirror university and business environments. The school boasts a forensic lab, computer graphics labs, engineering labs, a college and career center, and a fully functional courtroom. Pathways include: Biotechnology, Engineering by Design, Interdisciplinary Science and Research, Law Enforcement Services, and Programming & Software Development.

**An encore tour of Stratford STEM Magnet High School will take place Wednesday,
November 1, from 7:30 - 12:00**

Pearl-Cohn Entertainment Magnet High School

Pearl-Cohn Entertainment Magnet High School is an NCAC national model wall-to-wall career academy high school. Pearl Cohn has a freshman academy and two career academies and is the country's only high school with a student-run record label – Relentless Entertainment. The two academies are the Academy of Entertainment Communication and the Academy of Entertainment Management. The school partners with Warner Records and is set up to resemble the departments of a record label. Guests will see how artists are discovered and how music is made in the state-of-the art recording studio and the television production studio. Pearl Cohn has traditionally struggled with academic achievement; however, the school has seen tremendous growth and success. This is truly an inspiring school to visit. Pathways include: Audio Production, Broadcasting (Audio/ Visual Production), Fashion Design, Media Publishing, Personal Care Services (Cosmetology), Recording Industry, and Sports and Entertainment Management.

Hillwood High School

Hillwood High School is an NCAC national model wall-to-wall career academy high school. Hillwood has a freshman academy and three career academies: the Academy of Art, Design, & Communication; the Academy of Business & Hospitality; and the Academy of Health Science. Health Corporations of America partnered with Hillwood to establish a clinical and emergency medical response simulation lab where students practice their skills and earn valuable industry certifications. You have never seen a simulation lab quite like this one! Pathways include: Broadcasting (Audio/ Visual Production), Business Leadership, Culinary Arts, Design Communications, Diagnostic Services, Emergency Services, Music Arts, Therapeutic Nursing Services, and Visual Arts.

Whites Creek High School

Whites Creek High School in an NCAC national model wall-to-wall career academy high school. The school is an urban high school in a rural setting with a freshman academy and three career academies: the Academy of Alternative Energy, Sustainability, & Logistics; the Academy of Community Health; and the Academy of Education & Law. The school has a fully functional courtroom, creates its own bio fuel, and has a teacher preparation pathway. Pathways include: Alternative Energy, Automotive Technology (Automotive Maintenance & Light Repair), Entrepreneurship, JROTC-Air Force, Law Enforcement Services, Legal Services, Public Health, Teaching as a Profession (K-12), and Therapeutic Clinical Services.

Nashville Big Picture High School

Nashville Big Picture High School is truly a different experience. If you want to see a truly unique high school design, then visit Big Picture. The school shares with students how academics and the real world come together to impact learning experiences. The Big Picture model emphasizes students at the center of learning, engaging and challenging the student with authentic learning experiences. Students experience learning through varied methods including workshops, projects, real-world internships, field trips, and community service. Students attend school three days per week and have real internships the other two days. Although Big Picture is not a career academy school, attendees will learn unique ways to engage and motivate students aligned with the National Standards of Practice.



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

MEGAN BARRY
MAYOR

Megan Barry
Mayor of Nashville



OFFICE OF THE MAYOR
METROPOLITAN COURTHOUSE
NASHVILLE, TENNESSEE 37201
PHONE: (615) 862-6000
EMAIL: mayor@nashville.gov

Greetings!

As Mayor of Nashville, it's an honor and a pleasure for me to welcome members of the National Career Academy Coalition as you convene in Music City from around the country for your 21st Annual Conference October 30-November 1 at Gaylord Opryland Resort and Convention Center.

I applaud the work of the NCAC which provides support and resources to help students set long term goals to help them stay on a clear path to success. We are pleased that you chose our city as host for your Conference and we hope that you have a wonderful visit.

Fall is a beautiful time of year and we hope that you will have an opportunity to experience and enjoy the many sights, sounds and tastes that Nashville has to offer in and around the city. No matter where you go or what you do, I'm sure that your stay will be enjoyable because of the warm and welcoming atmosphere created by the Nashvillians who have given our city a world-renowned reputation for hospitality.

On behalf of the citizens of Nashville and Davidson County, I extend best wishes for a productive and successful NCAC Conference as you build on your theme, "College, Career, Life." May your network of professionals continue to grow and prosper in the years to come.

Kind regards,

Megan Barry
Mayor



METRO
NASHVILLE
PUBLIC
SCHOOLS



Dr. Shawn Joseph
Director of Schools

On behalf of Metro Nashville Public Schools, I welcome you to the 21st Annual National Career Academy Coalition (NCAC) Conference in Nashville, Tennessee. Metro Schools recognizes the vital role that NCAC plays in supporting high school transformation throughout the nation. We are excited to have this conference take place in our city.

Metro Schools is the 45th largest school district in the nation serving more than 88,000 students and families. In Nashville, we deliver a great public education to every student, every day. We believe education provides an opportunity for students to acquire knowledge, achieve dreams and become life-long learners.

Over the past decade, the graduation rate in Metro Schools has improved from 58 percent to 81 percent. We know the academy model helped make that happen. Through the Academies of Nashville, Metro Schools is home to 41 wall-to-wall academies across 12 zoned high schools serving about 20,000 students, with 36 academies that are currently "model" status through NCAC. The strategic framework that guides Metro Schools' future builds upon the success of our Academies, strengthening the district's commitment to deliver high quality instruction and increase the relevance and rigor of our curriculum in every grade.

The Academies of Nashville provide a structure for students to become both college-ready and career-ready by keeping the focus on academic achievement while using a career theme to make connections to their general education courses. The academy model is not only effective; it prepares students to thrive beyond high school. In addition to dual credit and dual enrollment opportunities that save students time and money on college-related expenses after high school graduation, many of our students graduate with industry certifications they can take with them. Collaboration between local and national business partners has also been the key to the national recognition of our academies. We credit much of that success to the work of our founding partners that have been a part of our work since the academies were formed in 2006: Nashville Area Chamber of Commerce, Alignment Nashville, PENCIL and Ford Next Generation Learning.

Welcome and enjoy Music City! We hope you have an enjoyable and informative conference.

HENK KONING EXEMPLARY PARTNERSHIP AWARDS

Bob McIntyre

PINELLAS EDUCATION FOUNDATION - CAREER EDUCATION BOARD CHAIRPERSON/
STAVROS CAREER EDUCATION COMMITTEE

Mr. McIntyre has spent his lifetime dedicated to career and technical education, and believes in the incorporation of practical and applied learning in the classroom through an academy setting. He believes this structure benefits all students by teaching them skills they can use for jobs that are in-demand in the workplace.

He has had an integral role in the development of the career and technical curriculum for all Pinellas County students for the last thirty years. He has helped develop practical and applied learning opportunities in the classroom, thus enriching the student experience. He is committed to enhancing career education experiences for all public school students, and has helped develop and secure industry certifications, internship and externship opportunities for all.

Mr. McIntyre has been instrumental in moving the Pinellas School District forward with an academy model that allows their students to simultaneously earn high school credit, college credit, and industry certification. This new approach truly prepares the students for both in-demand jobs and continuing education opportunities.

Mr. McIntyre and the Pinellas Career Education Board have focused the following strategies to accelerate achievement in our district.

- Assisted in strengthening Career Academy Advisory Boards, which is a critical component for essential community engagement and business alignment to the work of academies
- Assisted in expanding opportunities for teacher externships and student job training experiences.
- Assisted in creating and deploying a career competency rubric to help ensure all students are developing workforce readiness skills.
- Assisted with strengthening the alignment of industry certifications to specific career themes in academies where there is high interest, in-demand and/or emerging areas of workforce concentration.
- Assisted in creating senior capstone project opportunities for our students by helping develop rubrics, and has given feedback to finished projects.

Mr. McIntyre has been instrumental in working with our district to develop a Five-Year Master Plan for career education in Pinellas County Schools. This plan assisted in the creation of the Academies of Pinellas which serves as the blueprint for the district and schools that enables them to achieve their vision and mission for highest student achievement (100% student success) in its sixteen zoned high schools.

The Academies of Pinellas is a community-supported plan that aligns local and state initiatives to provide every student with the foundation of knowledge, skills and character necessary to excel in postsecondary education, work and life.

Universal Logic Inc.

NASHVILLE, TN

Universal Logic provides supply chains with complete automated material handling systems for high-mix, high-volume applications. Systems integrate artificial intelligence with vision, grasping and motion control to give machines human-like flexibility at high speed.

Universal Logic, UL, formally known as Universal Robotics has been essential in the success of the engineering and robotics program at Stratford STEM Magnet High School. UL provides mentors weekly for the students to apply the engineering design process. UL employees provided expertise and time to support students for the FIRST robotics completion and helped students win the Smoky Mountain Regional Competition in 2016 as well as to place 16th in the world competition. Employees not only mentor the students at the school, but are also permitted to travel to the competitions with the students.

David Peters, CEO of Universal Logic, is the chair for the Academy of Science and Engineering at Stratford STEM Magnet Advisory Board. Not only does Mr. Peters support the program, staff and students through monthly advisory meetings, he also sends his employees weekly to mentor students, provides interactive student displays for recruitment events, and supports the academies community events. Every year, UL provides job shadowing events for engineering students and hosts the team of teachers for teacher externships. In addition, they also work with the teachers to identify current industry trends that can be translated into the classroom. Each year the academy hosts project showcases and David and his team are judges for this event to support student reflection and improvement.



EXEMPLARY EDUCATOR AWARD GAIL IZUMIGAWA

Gail Izumigawa is a visionary leader who is highly respected by her peers for her knowledge, perseverance, humility, and commitment in making every child a proud graduate of Waipahu High School, an urban school on the island of Oahu with a school population of 2,554 students. She juggled coordinating the Waipahu Transition Center that oversaw over 400 business partners with coordinating the academy movement where every child would be part of the wall-

to-wall academies at Waipahu High School. As the Academy Coordinator, Gail implemented strategies that provided guidance and support for the academy teams to achieve excellence through a network of supportive colleagues and business partners.

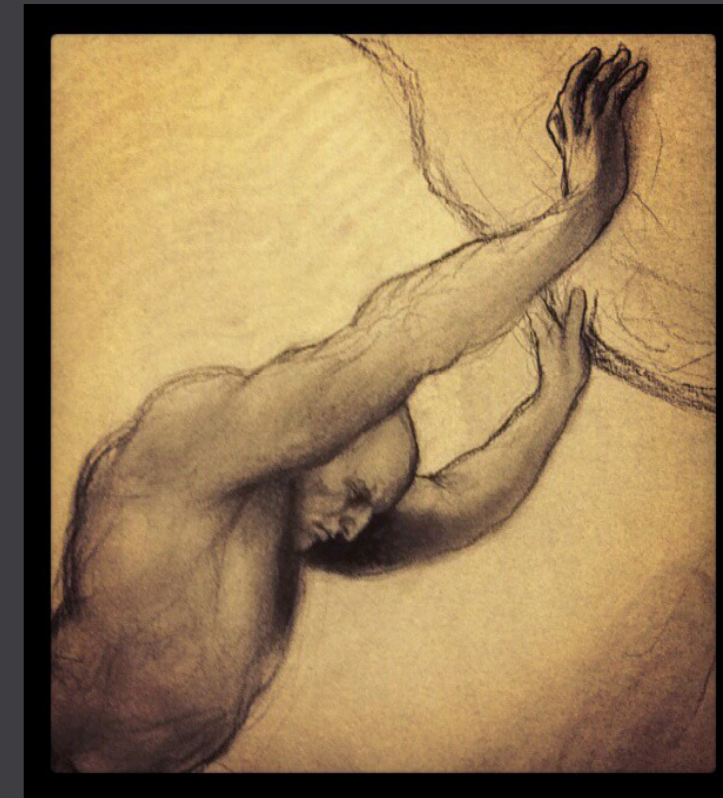
In 2016, Gail and the Waipahu Academy team hosted the monumental 2½ day NCAC Insight/Onsite focusing on the educational, cultural, historical, and social aspects of the Model Academies with participants from Guam, North Carolina, Philadelphia, Nashville, and Hawaii

Gail, as the Academy Coordinator, has been responsible for overseeing the professional development for the faculty; convening and supporting the leadership team to develop strategies for student growth; working with the students as ambassadors, presenters, and mentors in the school and community. She also coordinated the implementation of the 10 National Standards of Practice with educational and work-based learning activities supported by business partners to provide learning experiences for the students and faculty. She continues to nurture the two Model Academies plus overseeing three other academies as they embark on their Academy journey and the 10 NSOPs.

SISYPHUS AWARD

The idea of Sisyphus first came about in 2004, at an event in Washington DC, where the Department of Labor and Education came together to recognize academies and the National Standards of Practice. After the government officials, Connie Majka had an opportunity to speak. She looked out at the audience and there were many friends in attendance – MDRC, CASN, SREB, ACTE - organizations who had supported the model for a long time. She also noted those who could not be in attendance, the practitioners, the teachers and administrators who were back in their classes actually doing the work of implementing those academies. Hard work at times, pushing that career academy “boulder” up the hill only to have it roll back a little but never giving up because they saw what it meant for students and in turn gave them more meaning and purpose to their work.

This award embodies the spirit of perseverance -
NEVER GIVING UP.



JEFFREY N. STEIN AWARD

Jeffrey N. Stein Award

NCAC recognizes a career academy school that demonstrated an extraordinary commitment to career academies as the change agent for disadvantaged students and has sustained this passion over time.

The two greatest pleasures of the late Jeffrey N. Stein were teaching disadvantaged high school youth and supporting the work of his wife, Dr. Judith Stein, former NCAC Operations Manager and Board member. In his spirit NCAC proudly recognizes this year's award winner as a resilient, extraordinary champion of the career academy model and the power it has on the outcomes for students.



Stratford STEM School

Stratford STEM School is a thriving 5-12 urban school located in East Nashville. Once considered one of the most dangerous schools in Tennessee, and in the midst of "state takeover", the Stratford team transcended the all too common myth that impoverished minority students can't enjoy a safe, loving school of excellence. Eighty six percent of Stratford's students are economically disadvantaged...they live in poverty. From the very beginning of the transformation, Stratford's culture changed within one semester, and continues to improve to what you see today. Students are courteous, respectful, engaged, and learning at very high levels.

Over the past eight years Stratford has grown and achieved in many ways. In 2009-2010, Stratford's graduation rate was a dismal 59%, and the average ACT score was a 13. In 2016-2017, Stratford's graduation rate was a 86.2%, and the average ACT score was over 17. In the Academy of Science and Engineering (ASE), the average ACT score was a 21. Stratford students are receiving nearly four times the scholarship money from only a few years past, and Stratford students have been recognized for numerous awards and honors. For example, Stratford's newly created robotics team came in first place this past year, and was invited to the world championship placing sixteenth.

Stratford has two themed academies and the freshman academy: The Academy of Science and Engineering (ASE) and the Academy of National Safety and Security Technologies (NSST). The ASE Academy has three pathways, Engineering, Interdisciplinary Science and Research, and Biotechnology. The NSST Academy has two pathways, criminal justice, boasting a courtroom and mock trial team, and a cyber terrorism/computer programming pathway. The staff, students, and community at Stratford continue to defy the odds with regards to poverty and other obstacles. Stratford takes a "no excuses" approach to loving each and every child no matter the color of their skin or their particular journey in life.

NCAC MODEL ACADEMIES

RECOGNIZED DURING THE 2016-2017 SCHOOL YEAR

| School | Academy | Location |
|---|--|------------------------------------|
| Cane Ridge High School | Academy of Architecture and Construction | Metro Nashville Public Schools, TN |
| Cane Ridge High School | Academy of Arts and Communication | Metro Nashville Public Schools, TN |
| Overton High School | Academy of Engineering | Metro Nashville Public Schools, TN |
| Hillsboro High School | Academy of International Business | Metro Nashville Public Schools, TN |
| Hunters Lane High School | Academy of Hospitality | Metro Nashville Public Schools, TN |
| Auburndale High School | Medical Academy | Polk County Public Schools, FL |
| Kathleen High School | Academy of Natural Resources | Polk County Public Schools, FL |
| Bartow High School | Future Educators Academy | Polk County Public Schools, FL |
| George Jenkins High School | Academy of Legal Studies | Polk County Public Schools, FL |
| George Jenkins High School | Medical Academy | Polk County Public Schools, FL |
| George Jenkins High School | Academy of Design and Technology | Polk County Public Schools, FL |
| Frank H. Peterson Academies of Technologies | Automotive Academy | Duval County Public Schools, FL |



CONGRATULATIONS!



CHANNEY MOSLEY, Ph.D.

Assistant Principal

NASHVILLE BIG PICTURE HIGH SCHOOL

KEYNOTE SPEAKER

Chaney Mosley, Ph.D., is the Assistant Principal at Nashville Big Picture High School in Nashville, TN. He has more than 15 years of experience in career and technical education (CTE) teaching, outreach, policy and research, and has earned a national reputation in the field. In his career experiences Chaney has led and directed project teams dedicated to helping states, districts, and schools be highly effective in increasing students' preparedness to succeed in careers and postsecondary training and education. He designs and facilitates technical assistance related to improving college and career readiness and contributes to research on CTE and other college and career pathways, using it to inform policies and practices. Chaney completed the National Leadership Fellowship with the Association for

Career and Technical Education and has helped formulate and implement local, state, and national education policy. He has been featured on National Public Radio's All Things Considered and in a USA Today story where he discussed career and technical education as an approach to postsecondary readiness. Dr. Mosley twice participated in the Clinton Global Initiative America summit as part of the Reconnecting Youth working group aimed at the reengagement of opportunity youth and has published empirical work on student achievement in CTE. Chaney conducted statewide CTE teacher professional development needs assessments for Tennessee and Washington and has presented on the national landscape of CTE for the National Board for Professional Teaching Standards. Prior to his

current position, Chaney was the CTE Director for Metropolitan Nashville Public Schools, where he provided leadership for 41 career academies employing 125 CTE teachers across 15 different high schools serving more than 16,000 students. He managed an operating budget in excess of \$9.8 million while collaborating with more than 350 business, industry and higher education partners to support successful secondary to post-secondary transitions for a diverse student population, with greater than 70% of students coming from low-income families. Chaney is a National Board Certified teacher and is also a member of the Tennessee Army National Guard where he holds the rank of Second Lieutenant and serves as a platoon leader in the 278th Armored Cavalry Regiment.

TUESDAY, OCTOBER 31 • 12:00 PM

How High School Students Learn at a University Medical Center

Heidi Kaschke as the director of the University of Nebraska Medical Center High School Alliance program, which is an academy within an academy, will discuss how we work with all of our partner high schools, stakeholders, and an academic medical center. Dr. Talmon will engage the participants in how he teaches pathology to high school students using a second year medical school curriculum.

Career Academy Leaders Collaborative: An Institute for Transformational Leadership Development

A new partnership with NCAC, University of Florida, Lastinger Center and, EDC (Education Development Center) recognizes that individuals leading the work of implementation need a thorough understanding of the NSOP and the skills necessary to transform their community. The Academy Leaders Collaborative is a year-long Fellowship that seeks to create an on-going knowledge network of academy leaders across organizational boundaries with a focus on implementing and sustaining the model. This presentation will provide an overview of the course content and an opportunity to hear from new Fellows.

Powering Learning, Engagement, and Awareness of Stem Careers

How can help your academy feed and diversify the STEM pipeline and launch students' long-term interest in careers in STEM? Put the power of deeper learning in students' hands. Ford STEAM Lab, a free blended-learning digital curriculum for early high school students, takes learners through an engineering design and entrepreneurship experience, while developing their awareness and understanding of careers in STEM and Tech Entrepreneurship. In this interactive session, participants will gain understanding through a highly interactive hack-a-thon related to teaching/learning in their school and develop an idea for a mobile app to address that concern.

Navigating Our First Year Freshman Academy Experience

In starting out our Academies of Racine, we decided that our first year would include two distinct academy experiences. This workshop will share the journey, compete with the "bumps" in the road and challenges. But also the "Ahas" and positive gains and outcomes for our students.

Jackson E

Heidi Kaschke

OMAHA PUBLIC SCHOOLS

Jackson A

Pete Bermudez

UNIVERSITY OF FLORIDA

Connie Majka

NATIONAL CAREER ACADEMY
COALITION

Presidential Chamber A

Deborah Parizek

FORD NEXT GENERATION
LEARNING

Jackson F

Sarah Gorke, Terri
Jackley, Jennifer Sus, Dan
Thielen, Dr. Chris Neff

RACINE UNITED SCHOOL
DISTRICT

Jackson B**Stephen Plummer**

PINELLAS COUNTY SCHOOLS

Jackson C**Pamela Walker**

GLENCLIFF HIGH SCHOOL

Jackson D**Svetlana Darche, David Padgett**

WESTED

Presidential Boardroom B**Scott Warren**SOUTHERN REGIONAL
EDUCATION BOARD**Forming and Maintaining an Effective Academy Advisory Committee**

This session will cover the process of effectively forming an advisory committee for your Career Academy. Tips for finding the right people to serve on your advisory and retention of members will be explored. Best practices will be discussed to fill vacancies and how to use advisors to serve the various roles needed for a successful Career Academy such as Mentorship, Internship, Curriculum and Classroom Support, and Real-World connections to learning.

Partnership with a Purpose

Meharry Medical College has been educating minority students in a variety of medial careers since 1876. Glenclyff High School serves a culturally and racially diverse student population, which are predominately economically disadvantaged. Meharry has been a business partner with GHS since the start of the Medical Science & Research Academy. This partnership proves that a college can be more than just a destination for a college visit. Join us for this session to learn how a joint vision and shared purpose can create amazing opportunities for exposure to various career opportunities in areas of health care, medicine, dentistry, and research.

Scaling Work-Based Learning While Empowering Youth Through GLOBE

Learn about the NASA-funded GLOBE program—Global Learning and Observations to Benefit the Environment—that engages students in hands-on science as a form of scalable work-based learning. Academy students collect environmental data that is uploaded into an international database, interact with scientists, and implement projects with impact on their communities. Participants will become familiar with 1) the continuum of work-based learning activities; 2) the components of high-quality, outcome-driven work-based learning; and 3) the opportunities for scaling work-based learning equitably by focusing on its purposes. Work in Tennessee will be featured, as well as access to other NASA assets.

Moving Career Pathways to the Next Level

In this session participants will align their career pathways to four elements that prepare students for both college and careers. Intellectually demanding career pathways need teachers to work collaboratively in career academies to truly prepare students for postsecondary success.

**OoRah Leadership
(Transforming a School, by Transforming Yourself)**

This presentation goes to the heart of leadership and how powerful you can be as an individual leader in your school and with your students. Participants will learn how we used our leadership model to create our nationally accredited academies, lead a complete transformation of a once “priority” school, and how we raised our graduation rate from 59% to 86%. OoRah Leadership confronts participants with understanding themselves and discovering what is holding them back from excellence in their own life, but in the lives of their students as well.

Partnerships: Who, What and Why

This workshop will explore the who, what and way of Academy partnerships. The session will focus on defining who are partners and how best to engagement them. There will be a focus on what are authentic partnerships, how to launch your partnership and why it is important to continue to expand your network of partners beyond phase one of your Academies. The session will also address how to keep you partners engaged and committed to your mission and vision. It will address standards 8 and 10.

Moving Past Model Status

In order to gain Model status, an academy must demonstrate excellence for all 10 of the National Standards of Practice. As such, our presentation will address necessary implementation and sustainable practices. Specifically, for our Academy of Hospitality, we particularly excelled in the area of business and community engagement. Our hope is to incorporate the business partner perspective into our presentation so they may share some of their own tips for successful partnerships. For the other NSOPs, we will dissect the key aspects and provide useful tips to ensure your academy is running at full speed.

Soft-Skills + Employer Engagement + PBL + Career Activities = Articulate, Driven and Ready Students

Hear details about: the 13 Soft-skills rubric and grading system, the power of employer engagement; reinforcement of soft-skills through Project Based Learning (PBL) and unique career activities: THINC FAST and THINC Ahead.

Lincoln B**Dr. Mike Steele**

STRATFORD HIGH SCHOOL

Presidential Chamber B**John Deorge**

DELOITTE

Bob Kucher

PENCIL

 THIS SESSION IS OFFERED TWICE
Lincoln A**Dr. Susan Kessler, Dr. Bradley Meyers**

HUNTERS LANE HIGH SCHOOL

Presidential Boardroom A**Dr. Chris Williams, Susan Hinson, Joe Sumner, Aiden Blackwell**THINC COLLEGE AND CAREER
ACADEMY

ROUNDTABLE 1

Hans Meeder

NATIONAL CENTER FOR COLLEGE
& CAREER TRANSITIONS

ROUNDTABLE 2

Kyle McCarn

MOUNTAIN HOME HIGH
SCHOOL

ROUNDTABLE 3

Jennifer Gatlin, Robert
Kriebel

MCGAVOCK HIGH SCHOOL

ROUNDTABLE 8

Ryan Champeau

NCAC REVIEWER

•LOCATED IN PRESIDENTIAL NORTH•

How to Avoid the Five Biggest Pitfalls of Career Development

In today's academy-centered schools, effective career development is more important than ever to help the youth learn about themselves, learn about career opportunities, and explore the match between the two. But there are five common pitfalls that impede the implementation of a truly effective career development system. Hans Meeder, author of "The Power and Promise of Pathways" and president of the National Center for College and Career Transitions, will identify these pitfalls and share proven action steps and examples for how you can implement the best approaches to career development.

Sustainability within the Career Academies

In this session, we will cover best practices to help schools with sustainability of career academy model status. We will highlight what practices are applicable to starting and maintaining a model wall-to-wall academy school. We will touch on how our academy projects play a part in this process. Also, we will cover some of the new pieces that we are implementing in an effort to bolster continued relevance within the academy structure.

Puzzle Pieces and Projects

During this session, the presenters walk the audience through a typical high school year and how to incorporate fun and challenging projects while meeting rigorous standards. We include how to break down the steps and plan a project on paper or using technology. These projects create meaningful and rigorous experiences for the students. We will demonstrate several projects and successful products. The audience will also be given several examples of how to integrate all of this with their CTSO and academy.

Creating a Model Academy

What are the key components of a high functioning academy? What are the nuances that make an academy a beautiful experience for all students? This session will illuminate the components most critical to a more beautiful academy experience for all students.

•LOCATED IN PRESIDENTIAL NORTH•

Enhanced Academy Business Connections

This presentation will share how we have continued our efforts to build strong business partnerships for our Academy Schools and for our Career and Technical Education Programs while working collaboratively with our local Chamber of Commerce. We will share about two of our flagship annual events including Career Connections Day and National Job Shadow Day. Our annual Career Connections Day has 200 businesses come out to help rising 8th graders who will attend our Academy High Schools build connections between school and careers. For our National Job Shadow day program we send out 70 - 75 teachers each year for one day externships to build their knowledge in order to bring real world experiences back to the classroom. Our ongoing efforts to build county wide advisory boards will also be discussed.

Leadership Development Through Student Ambassadors, Elementary through High School

What is the role of the High School Academy Ambassadors? Are they tour guides only? This session will explore how Academy Ambassadors can become the mission keepers of the academy and how the mission and accompanying leadership skills can be disseminated to the middle school and even elementary levels. In this session participants will learn the logistics of setting up a student ambassadors program, including the training and possible activities. Learn how the Ambassadors Program in Rockford Public Schools evolved to spread the message of academies throughout the district and into the community.

Authentic and Dynamic Community Partnerships: Making Academies Real!

Learn how to develop and maintain authentic and dynamic partnerships with business leaders in your community. Participants in this session will discover how to get the most of your partnership, while utilizing advisory boards, internship opportunities for students, externship opportunities for teachers, and other work based opportunities such as industry certifications, work place mentoring, and job shadowing. Learn how Pinellas County School (Clearwater High School) and The Pinellas Education Foundation work together to develop Academies that are second to none!

ROUNDTABLE 4

William Sayers, Jody
Reeves, Tim Hemans

GUILFORD HIGH SCHOOL

ROUNDTABLE 5

Christina Magee, Judy
Gustafson

JEFFERSON HIGH SCHOOL

ROUNDTABLE 6

Keith Mastorides

CLEARWATER HIGH SCHOOL

ROUNDTABLE 7

Renea Dillon, Melissa Duarte, Lindsey Marek, Brandy Arterburn

GOOSE CREEK INDEPENDENT SCHOOL DISTRICT

ROUNDTABLE 9

Dana Brown

MOUNTAIN HOME PUBLIC SCHOOLS

ROUNDTABLE 10

Deborah Dubendorff, Jessica Salas, Andrea Fugate

GEORGE JENKINS HIGH SCHOOL

•LOCATED IN PRESIDENTIAL NORTH•**Using the NSOPs to Design Strong Career Academies**

In 2014, Goose Creek expanded three of its CTE Programs into Pocket Career Academies, one at each of its three comprehensive high schools. Professional Development has been designed to wrap around the NSOPs to ensure that all stakeholders are familiar with the standards and naturally consider the NSOPs in their decision-making processes. By using the NSOPs as a guideline for design, planning and implementation, these academies have been so successful that the district's newest high school will become a wall-to-wall career academy campus. Participants will learn how the NSOPs have guided the academies' teachers and students to success.

Collaborative Leadership: Reflect, Revise, Re-Energize to Empower Teacher Leaders

Career Academy administrators are a unique breed of leaders - they understand that collaboration and empowerment go hand in hand. During this Roundtable session, participants will engage in discussions and activities on how to work as a collaborative leader in a career academy school.

NCAC Preparation requires S.P.F.: Students, Parents and Faculty

George Jenkins High School will host a round table discussion on the subjects of academy students, academy parents and school faculty as it relates to the NCAC review process. We will provide an overview and answer questions in regard to how we prepared students for academy transitions that are related to the National Standards of Practice (NSOP). Also, we will cover how we prepared students for the NCAC site visit and what the students expectations were in the academy from the accreditation process forward. We will give a basic outline and overview of a parent night conducted in alignment with NSOP requirements and how parent involvement and input from that event was utilized to further the NSOP. Finally, we will discuss the importance of school administration and faculty in supporting the academy through the accreditation process and beyond.

Shifting from Reactionary Improvement to Strategic Planning

Since No Child Left Behind (NCLB) was announced, schools have focused improvement on reacting to test scores. The results - too many schools look very similar to 50 years ago. We need to shift to creating a vision for improvement and striving to achieve that vision. Using the National Standards of Practice and SREB's Career Academy Rubric, schools create a vision and roadmap to truly change the school. School teams determine actions and benchmarks for success as they redesign the American high school.

Achieving Equality: Supporting Academy Access and Improved Outcomes for All

Equity is a critical and not always fully realized goal of the career academy framework. This session identifies specific strategies that academies employ to ensure that the promise of academies for improving educational outcomes for underserved students is fully realized. Drawing on the experiences of educators from seven Ford Next Generation Learning communities, this session summarizes key equity issues encountered by districts, explores strategies used to address them, and highlights research-based approaches for academies to achieve equitable outcomes and reduce demographic disparities. Participants will share their experiences addressing equity challenges and explore potential new approaches that can be used within their own communities.

Incorporating the Academy Model into Research Science (STEM)

This session is designed to showcase the journey of the Interdisciplinary Science and Research program from its inception 6 years ago. We will outline the general framework of the program, including how the utilization of a Vanderbilt research scientist in the classroom revolutionizes the quality of instruction. We will also transparently discuss the advantages and challenges that come with working in an urban school district, outlining how each of the National Standards of Practice are utilized.

Presidential Boardroom A

Scott Warren

SOUTHERN REGIONAL EDUCATION BOARD

Lincoln A

Ilene Kantrov

EDUCATION DEVELOPMENT CENTER

Lincoln B

Dr. Joshua Swartz

HILLSBORO HIGH SCHOOL

Jackson D

Sarah Hitchings, Debra
Robinson, Krista Ford

WAGGENER HIGH SCHOOL

Jackson A

Dr. Brad MacLaughlin

INDEPENDENCE SCHOOL
DISTRICT

Jackson E

Christopher Patten,
Deborah Parizek, Razi
Jafri

HENRY FORD LEARNING
INSTITUTE

Producing Career Ready Graduates Through Medical Services and Support Pathways

Career and technical education (CTE) teachers and administrators will share information about the school's three academies: Freshman Academy, Medical Services Academy, and Medical Support Academy. Since implementation of the academy structure in 2012, the school has seen a dramatic increase in the percentage of College & Career Ready (CCR) graduates, from just 18% of the Class of 2012 having CCR credentials to 60% of last year's (2016) graduating class obtaining CCR status. Freshman year major selection, tracking of CTE courses in a prescribed sequence, and senior year enrollment in a capstone course with industry certification potential (MNA, EKG, Pharmacy Technician, Web Design, Electrical Technician, Medical Office) will be detailed.

Sustaining Academies: Leadership through Teacher Empowerment

Academy implementation typically begins at the highest levels of district leadership. Ironically, sustainability relies upon teacher engagement in dozens of areas (course sequencing, curriculum revision, academy teams, advisory boards, etc...) How do district and building leaders transform a traditional teaching staff into a highly effective team of academy advocates? The secret to generating sustained career academies can be found through empowerment strategies and accountability with parameters. This session will attempt to resolve the dichotomy between the accountability of leaders to implement academies and the need to hand authority away in order to enable the necessary engagement.

Small Bites, Big Difference: An Intervention Strategy for Academy Innovation

Words like innovation, disruption, or hacking are common words heard in progressive education circles, but the reality of our own contexts often leaves us perplexed when faced with the task of bringing any of these words to life. Where do we start when we have limited control? Where do we start when we have total control? In this fun and interactive workshop, participants will gain a strategy for realistically identifying where they fall in developing an "Orientation of Innovation" and take away specific interventions that change anything from space to schedule, aimed towards making a difference.

Transforming Classroom Instruction through Project Based Learning

This session introduces teachers, coaches, and school-based personnel to an approach that will help students demonstrate mastery by applying content standards to the creation of authentic products. This session will also specifically discuss how to unite academy teachers—both CTE and general education instructors together to collaborate to create meaningful interdisciplinary projects. Session outcomes include participants understanding the difference between a PBL experience and simply "doing projects", the components of PBL—how to make sure you are doing authentic projects that focus on content standards, and the need to provide students with alternative ways to show mastery of content standards.

Employability Skill Development through an Experiential Learning Approach

This presentation is a result of a research study that analyzed the self-perceived growth of job skills over the course of a semester-long experiential learning program. Students completed self-assessment surveys at the beginning and the end of the program as a measurement of their ability to perform certain skills in the workplace. Participants will learn about the interesting results of this study including the successes of the program and suggestions for improvements to make the experiential learning experiences more impactful on student development.

Ultimate PBL - Student and Teacher Exchanges for Global Awareness

Water quality testing in China, reforestation in Israel, sculpture creation in Lithuania, painting murals in Poland..... As a principal of an all academy high school, David Kipphut created opportunities for students and teachers by partnering with schools and businesses in many countries including China, Israel, and Russia. As CTE Director, he continued to support global learning. Now, retired and working with Philadelphia's Citizens Diplomacy International he continues to help students broaden their perspectives and to help teachers with Project Based Learning on an international level. This presentation will focus on the partnership with a high school in Tourn, Poland. Since 2008, there has been an ongoing of exchange between a Philadelphia High School and Takeusz Kosciusko High School with each year students and teachers taking turns hosting each other.

Jackson C

Dr. Kelly Henderson
NASHVILLE FORD NGL

Donna Gilley
METROPOLITAN NASHVILLE PUBLIC
SCHOOLS

 THIS SESSION IS OFFERED TWICE

Jackson B

Dr. Brad Meyers

HUNTERS LANE HIGH SCHOOL

Presidential Chamber B

Dave Kipphut, Connie Majka

PHILADELPHIA ACADEMIES

Jackson F

Jennifer Gatlin, Robert Kriebel

McGAVOCK HIGH SCHOOL

Presidential Boardroom B

Sharon Tritschler

NATIONAL CAREER ACADEMY COALITION

Puzzle Pieces and Projects

During this session, the presenters walk the audience through a typical high school year and how to incorporate fun, challenging projects while meeting rigorous standards. We include how to break down the steps and plan a project on paper or using technology. These projects create meaningful and rigorous experiences for the students. We will demonstrate several projects and and successful products. The audience will also be given several examples of how to integrate all of this with their CTSO and academy.

Building your Academy Team Foundation using Successful Collaboration Strategies

Building team buy-in and earning trust using protocols, norms and proven strategies to change the focus towards authentic, effective academy teams and PLC's.

**SESSION GUIDE AND EXPLANATIONS**

The majority of presentations are classified as a 75-minute presentation that can be interactive or presentation driven.

If a session is labeled as a Roundtable Presentation, this will be a room that is set up in round tables where session topics are discussed for 15-20 minutes. After each discussion, participants switch tables to start a new topic.

If a session is labeled as a Student Power Talk, this will be a room where the presenter provides a TEDTalk inspired presentation for 5 - 8 minutes. After each Power Talk, a new speaker will take the stage. If time permits, the Students will have two opportunities to give their presentation.

How To Utilize Data to Enhance Your Inreach, Outreach and Communication

Have you been told that your career academy should collect information and data? But what to collect, why collect it, for whom, and how it will be used, become the key questions. Regardless if you are just starting the academy process or if you are a seasoned academy, the discussion of these key questions is important as you both measure your impact on students and market your academy needs to the broader community. This panel is comprised of seasoned professionals in academy planning, evaluation and branding. User-friendly discussion will center on which data to collect and why and how to use information effectively internally and externally. The bottom line is, are we using information about our academy in the most effective way...locally, statewide and nationally. We promise to make this topic as sexy as possible.

Academy Selection through Hands-on Experiences

This session will provide an overview of the revised Freshman Seminar curriculum used in the Academies of Nashville. The course now provides mini-units aligned with the academy pathways (both CTE and non-CTE) offered at each school. The session will provide participants an opportunity to experience a sample lesson, review all pathway units, hear from district administrators about implementation, ask questions and hear students talk about their experiences with the new curriculum.

W2W Health Academy: Innovative Use of Time, Space, and Curriculum

The Sioux City Community School District provides relevant project-based learning through the Wall to Wall Health Academy. In the academy, students study core academic courses through the medical lens while enrolled in dual credit health science courses. The academy teachers incorporate interactive, hands-on medical labs along with virtual and real-world experiences. This session will provide an overview of Sioux City's Wall to Wall Health Academy. Wall to Wall teachers will present various cross-curricular content. Examples of integrated health curriculum include topics such as war and medicine, infectious diseases, global health issues, patient case studies, and medical math applications.

**Jackson C
PANEL DISCUSSION**

Susan Katzman
SEK GROUP, NCAC BOARD

Pam Daly
DK BRAND, NCAC PRESIDENT

Scott Warren
SOUTHERN REGIONAL EDUCATION BOARD

Patti Smith
NATIONAL ACADEMY FOUNDATION

Jackson B

Donna Gilley
METROPOLITAN NASHVILLE PUBLIC SCHOOLS

Dr. Aimee Wyatt
SOUTHERN REGIONAL EDUCATION BOARD

Lincoln B

Mary Dermit, Malina Ard,
Michelle Rustwick, Mattie Lane

SIoux CITY COMMUNITY SCHOOL DISTRICT

Presidential Chamber B**John Deorge**

DELOITTE

Bob Kucher

PENCIL



THIS SESSION IS OFFERED TWICE

Presidential Boardroom B**Andrew Thomas,
Chesney West, Sarah
Hitchings**

JEFFERSON COUNTY SCHOOLS

Jackson D**William Rose, Rebecca
Spencer, Joseph Rue**

ROCKFORD PUBLIC SCHOOLS

Jackson E**Steve DeWitt**ASSOCIATION OF CAREER &
TECHNICAL EDUCATION**Partnerships: Who, What and Why**

This workshop will explore the who, what and way of Academy partnerships. The session will focus on defining who are partners and how best to engagement them. There will be a focus on what are authentic partnerships, how to launch your partnership and why it is important to continue to expand your network of partners beyond phase one of your Academies. The session will also address how to keep you partners engaged and committed to your mission and vision. It will address standards 8 and 10.

Reducing 9th Grade Retentions: Waggener High School's Freshman Academy Approach

Presenters will share school-wide supports such as Advisory and Extended School Day programs as well as Academy-specific interventions such as a Freshman Summer Bridge Program, Family Meetings, Success Contracts, Deficiency Notices, Academy Incentive Plan, and a 9th Grade Guided Study Course. Session participants will hear from current Waggener students who benefitted from the Freshman Academy structure and will receive tools for developing a similar intervention plan in their schools.

Special Education Task Force: Service Delivery of Numeracy and Literacy in CTE Courses

The presentation will be based on a years effort to offer our students special education services in multiple classrooms, services that traditionally did not occur in CTE classes or elective course work. By collaborating with special education, students and teachers will be empowered to offer special education services in ALL classrooms, including CTE and elective courses. Our system will empower teachers to give direct services that match the students numeracy and literacy needs.

ACTE's Federal Policy Update

The Association for Career and Technical Education advocates at the federal level for increased funding and policy changes that support the CTE field and students. Come learn about the current policy environment and legislative actions such as the current status of the Carl D. Perkins Career and Technical Education Act. The session will also include information on ACTE's recent activities and professional development offerings.

Building Your Business Engagement Toolbox

This session will offer business engagement tools to guide your organization to effective engagement through coaching and training opportunities, creating relationships to increase community presence and impact. You will learn skills related to: Business Engagement Training, Classroom Speaker Tools, Job, Shadowing/Internships Tools, Effective Mentoring Solutions, Company and Volunteer Engagement Tools

Using Data To Drive Your Academy

This presentation addresses data-driven approaches within the US Community Credit Union Academy of International Business and Communications at Hillsboro High School in Nashville. We will examine how student data is captured, analyzed, and utilized by academy principals, academy counselors, academy leads and academy team to improve student achievement and develop interventions. Data to be examined includes student achievement, attendance, behavior, and community investment. We will also address how this data can be used to build and strengthen Career Academies through the lens of the National Standards of Practice (NSOP) and achieve model status.

**Meaningful Tech in Academies & Pathways
(bring your mobile device)**

Participants will gain hands-on experience in use of instructional technology to engage students and increase learning in academy pathways. Additionally, resources to promote team and teacher efficiency and effectiveness will be included. Demonstrations will include options for collaboration and free web apps for in and out of class use. Specific uses for resources will be demonstrated and developed on-site. All participants will receive electronic access to all resources shared in the session.

Standards Based Interdisciplinary Planning

This session introduces participants to the processes and protocols for designing interdisciplinary learning that focuses on common concepts and skills. Participants will simulate the process of looking deeply at content standards through an interdisciplinary lens to discover concepts and skills common to all disciplines involved in the planning process. Participants will then preview how that foundation of similar concepts and skills sets the stage for problem-based and project-based learning as well as highly integrated interdisciplinary learning. Participants will leave this session with a basic road map towards full implementation and some tools to structure the interdisciplinary planning process.

Presidential Boardroom A**Cheryl Mayes**

NCAC BOARD

Jackson F**Melissa Harkreader, Kevin
Meadows, Brian Ketner**

HILLSBORO HIGH SCHOOL

Jackson A**Dr. Michelle Wilcox, Dr. Jace
Hargis**

SREB



THIS SESSION IS OFFERED TWICE

Lincoln A**Robin Shrode, David Holden**AMERICAN ALLIANCE FOR INNOVATIVE
SYSTEMS

THIS SESSION IS OFFERED TWICE

Presidential Chamber A

TUESDAY, OCTOBER 31

8:00 - 11:30

STUDENT POWER TALKS

The National Career Academy Coalition proudly announces the first annual Student Power Talks. NCAC is inviting individual academy students from across the country to come to Nashville and give a “power talk” about their academy experience. Talks will be held from 8:30 a.m. to 11:30 a.m. on Tuesday, October 31 at the conference with check-in at 8:00 a.m. The Power Talks will be between five to eight minutes in length and may include presentation slides. Topics will be centered on the Ten National Standards of Practice or a student experience in the academy. The top two or three students will be invited to deliver their power talk at the keynote ceremony. The Student Power Talks are available for everyone to attend and will be held as a regular session throughout the morning on Tuesday. Please stop by to hear these star students as you make your rounds to your sessions!

Presidential Lobby

MONDAY, OCTOBER 30

3:45 - 5:45

STUDENT PROJECT SHOWCASE

The National Career Academy Coalition proudly announces our first ever showcase for student projects at the annual conference in Nashville. NCAC is opening this event for all academy students across the nation to come to and showcase their creativity and knowledge. The teams of students will range from two to five. Projects will be critiqued by a panel of judges on Monday, October 30 from 12:00 p.m. to 2:00 p.m. and will be open to conference attendees for viewing from 3:45 p.m. to 5:45 p.m. Gold, Silver, Bronze, and Best In Show awards will be given at the conference.



JOIN NCAC TODAY!

We have the right membership package to fit your needs.

To learn more, please visit:

www.ncacinc.com

Scheduling for Transformation

The complexities of building an academy master schedule can be overwhelming, especially for those with little or no master scheduling experience. This workshop provides participants with the understanding of how educational philosophy is just as important as planning and process when developing an academy master schedule.

The 21st Century Academy

Hawaii's 21st Century Academy exists when empowerment is the driving force shared among all stakeholders and students have learned to embrace the 4 C's - critical thinking, collaboration, creativity, and communication. The Academy of Natural Resources from Waipahu High School in Hawaii believes that there is another important “C” to add to the list - Culture. Learn how we have “woven” a lei of “ohana” and how it has impacted our students, the teachers, our community, and our K-12 continuum of schools.

Personalizing Career Exploration in Preparation Through the Senior Mastery Process

In this interactive session, we will explore the Senior Mastery Process (SMP), a successful program that enables high school upperclassmen to explore personal career interests and related college pathways, develop job seeking and workplace success skills, build a professional workplace-based relationship with an adult supervisor, and present their empirical research to an evaluation committee. You will learn how Design Thinking can be an integral part of the SMP, empowering students to develop a guiding question, making their career exploration and preparation a personal discovery-driven process.

Practical Improvement, Real-Time Change: Creating a Culture of Continuous Improvement in Career Academies

It's time to take back our data! Over the past decade, accountability and evaluation have become the primary drivers of internal data use and reporting. Learn more about how continuous improvement practices support measurement for improvement, which can be practiced by all stakeholders throughout an academy, school, and district. Explore case studies from districts who are using continuous improvement to introduce and sustain data use and reflection to support systemic change, and apply tools for continuous improvement to create a manageable plan aligned to the National Standards of Practice for your own academy or district.

Jackson B

Dr. Kelly Henderson

METROPOLITAN NASHVILLE PUBLIC SCHOOLS

Lincoln B

Keith Hayashi, Rebecca Sandborn

WAIPAHU HIGH SCHOOL

Presidential Chamber A

Deborah Parizek

FORD NEXT GENERATION LEARNING

Jessica Todd and Ana Leos-Garcia

HENRY FORD ACADEMY

Presidential Chamber B

Jess Julison

EDUCATION DEVELOPMENT CENTER

Jackson A

Dr. Michelle Wilcox, Dr.
Jace Hargis

SREB



THIS SESSION IS OFFERED TWICE

Jackson C

Hans Meeder

NATIONAL CENTER FOR COLLEGE
& CAREER TRANSITIONS

Presidential Boardroom B

Marcy Aycock, Dr.
Keisha Taylor

NATIONAL ACADEMY
FOUNDATION

Jackson D

Melissa Jagers

ALIGNMENT NASHVILLE

Meaningful Tech in Academies & Pathways

(bring your mobile device)

Participants will gain hands-on experience in use of instructional technology to engage students and increase learning in academy pathways. Additionally, resources to promote team and teacher efficiency and effectiveness will be included. Demonstrations will include options for collaboration and free web apps for in and out of class use. Specific uses for resources will be demonstrated and developed on-site. All participants will receive electronic access to all resources shared in the session.

How to Avoid the Five Biggest Pitfalls of Career Development

In today's academy-centered schools, effective career development is more important than ever to help the youth learn about themselves, learn about career opportunities, and explore the match between the two. But there are five common pitfalls that impede the implementation of a truly effective career development system. Hans Meeder, author of "The Power and Promise of Pathways" and president of the National Center for College and Career Transitions, will identify these pitfalls and share proven action steps and examples for how you can implement the best approaches to career development.

WBL Industry Engagement: Connecting with the Audience

Industry Engagement is essential for a sustainable work based learning program. This session will explore the continuum of experiences from successful academies that can be replicated at your site. Strategies and tools needed to facilitate an environment of collaboration and communication that fosters success for all stakeholders will be presented to help your program expand work-based learning opportunities for your students.

Sustaining Academies: Community Partnerships That Matter

Implementing the academy model is difficult, but sustaining it over time is also very challenging. Learn how the Nashville community has leveraged community structures and partnerships to sustain and protect the Academies of Nashville for more than 10 years, and how these same structures and partnerships are planning for Academies of Nashville 2.0.

Understanding How NCAC's Baseline Analysis Can Help Your Career Academy

NCAC recently added the Baseline Analysis process to its growing list of services. It's a tool for a district/school to use to assess the progress of career academies. Based on the national standards, it helps an academy determine its strengths and identify areas of need. This session will explore what a Baseline Analysis is, how the procedures are viewed by the academy team and how results can be used. Hear from a district/career academy that recently went through the process and its impact.

The Great Lakes College and Career Pathways

Learn about how four Great Lakes Communities have created a community of practice to support the implementation of college and career pathways led by ConnectEd and supported by Jobs for the Future and Education Systems. Communities include; Madison, Chicago - Northwest Suburbs, Rockford and Columbus. Come and learn how your academy, school, district or region can create a community of practice to support continuous improvement, networked learning, and professional growth.

Learn about NCAC Services

Learn what services NCAC can assist you with from a Baseline Analysis, Academy Review, and our suite of professional development activities.

Standards Based Interdisciplinary Planning

This session introduces participants to the processes and protocols for designing interdisciplinary learning that focuses on common concepts and skills. Participants will simulate the process of looking deeply at content standards through an interdisciplinary lens to discover concepts and skills common to all disciplines involved in the planning process. Participants will then preview how that foundation of similar concepts and skills sets the stage for problem-based and project-based learning as well as highly integrated interdisciplinary learning. Participants will leave this session with a basic road map towards full implementation and some tools to structure the interdisciplinary planning process.

Jackson E

Susan Katzman
SEK GROUP, NCAC BOARD

Ken Spellman, Tom Wagner,
Matt Wichman

OMAHA PUBLIC SCHOOLS

Jackson F

Brad Stam, Julie Koenke

CONNECTED

Presidential Boardroom A

Dr. Jay Steele, Pam Daly

NATIONAL CAREER ACADEMY
COALITION

Lincoln A

Robin Shrode, David Holden

AMERICAN ALLIANCE FOR INNOVATIVE
SYSTEMS



THIS SESSION IS OFFERED TWICE

Presidential Chamber B**Winston Minix, Kristi Canon**

DUBISKI HIGH SCHOOL

Lincoln A**Dr. Chaney Mosley, Dr. Chaerea Snorten**

BIG PICTURE HIGH SCHOOL

Presidential Boardroom B**Keith Mastorides, Russell Denton, Leslie Hopkins**

CLEARWATER HIGH SCHOOL

Lincoln B**Sharon Tritschler**

NATIONAL CAREER ACADEMY COALITION

Congratulations! You Are Hired!

One of the building blocks of a great CTE academy model is student internships. The bad news is most public schools struggle to create and sustain quality internship programs for all of their students. For the last seven years, GPISD has developed a flagship internship program that prepares students for an ever-changing, ever growing workforce. Come join us and hear the stories of three of our many successful GPISD students' internship experiences and how it changed their lives.

How To Frame A Big Picture

For the last two years, Nashville Big Picture High School has achieved a 100% graduation rate and we've witnessed an increase in ACT performance as well. All the while, students only attend school 3 days per week. This success has been achieved by personalizing the learning experience, one student at a time. In this session, we'll explore the uncommon and distinct elements of our learning framework, such as 100% participation in nonpaid internships two days per week, quarterly student exhibitions of learning that involve family, mentors and friends, and a focus on self-awareness through writing a 100 page autobiography, which are a foundation of our success.

Developing Student Leadership Through Project Based Learning in an Academy Setting

Learn how our students have developed leadership skills through a personalized PBL opportunity. Our Freedom Ambassadors researched and participated in experiences that connected them to the Civil Rights movement in the United States. The culmination of the project is an in-depth tour of sites with historical significance for the civil rights movement. Our ambassadors met people who were key stakeholders, active participants and spectators of these important events. No professional tour guides were utilized as the ambassadors are responsible for all aspects of the event (fundraising, budget, planning, organizing, developing curriculum, and scheduling all events and activities). Clearwater High School is part of the first group of schools in the district to implement Personalized Learning through our Pinellas Innovates plan.

How to use and navigate the NCAC website for your Career Academy Review

Learn the detailed review process and how to navigate the NCAC website to upload the required self report, surveys, and supporting evidence documents. This training session will give you and your team the tools you need for a "stress free" review.

"CTE Learn" and Educator Support

The Association for Career and Technical Education is building an online resource to support the professional development needs of local teachers and administrators. This session will provide a walk through of the CTE Learn initiative and courses on academic integration, global competency and administrator support among other topics.

Designing An Online Career Academy Application System

Working with in-house programmers, we were able to modify our student database system to allow students to apply to Career Academies on-line with less room for error. This system interfaces with our district's mass email system to expedite communications with students/guardians. With the new system, we have been able to place more students in programs in less time with less errors, meet state mandates for under-represented enrollment, and lower the number of students/families contesting decisions made. Clear directions and reports will be shared with participants who wish to work with their District IT Departments to develop a similar type of application process.

"What you talking 'bout, Willis"? Part DEUX

Continuing her series of brand strategy workshops, Pam Daly will walk you through the identification of key audiences and messages for communicating the benefits of your College and Career Academies. You will explore generational preferences for receiving information and examples of actual tactics used by districts to effectively reach each. This high energy, interactive session will provide real tactics you can use in your district that have proven results.

Developing Career Academy Teams into Communities of Practice

When academy teams evolve from a practical alliance addressing operational issues to a professional teaching team focused on improving overall student performance and preparing all students for college and career the impact is dramatic. Come learn some proven strategies and practices for helping teams to focus on and address student performance.

Jackson F**Stephen DeWitt**

ASSOCIATION OF CAREER & TECHNICAL EDUCATION

Jackson A**Kathy Mignerey**

ST. JOHNS COUNTY SCHOOL DISTRICT

Jackson B**Pam Daly**

DK BRAND

 THIS SESSION IS OFFERED TWICE
Jackson E**Kathleen Harris**

CONNECTED

Jackson C

Dr. Kelly Henderson
NASHVILLE FORD NGL

Donna Gilley
METROPOLITAN NASHVILLE
PUBLIC SCHOOLS

 THIS SESSION IS OFFERED TWICE

Jackson D

Kari Cobb
NORTHSIDE HIGH SCHOOL

Presidential Chamber A

**Dr. Jay Steele, Dr.
Michelle Wilcox**
STEELE DYNAMICS

Nadia Shafer
PHILADELPHIA ACADEMIES

Presidential Boardroom A

Scott Warren
SOUTHERN REGIONAL
EDUCATION BOARD

Transforming Classroom Instruction through Project Based Learning

This session introduces teachers, coaches, and school-based personnel to an approach that will help students demonstrate mastery by applying content standards to the creation of authentic products. This session will also specifically discuss how to unite academy teachers—both CTE and general education instructors together to collaborate to create meaningful interdisciplinary projects. Session outcomes include participants understanding the difference between a PBL experience and simply “doing projects”, the components of PBL—how to make sure you are doing authentic projects that focus on content standards, and the need to provide students with alternative ways to show mastery of content standards.

Are your Students Career and College Ready?

The last decade has seen an increase in the amount of educational research being produced to address college and workforce readiness. Career academies are designed to prepare students for both college and careers. They are schools within schools that link students with peers, teachers, and community partners in a structured environment that fosters academic success. Join us to see how you can ensure your students’ college and workforce readiness.

Creating a College and Career Continuum

Moving from random acts of college and career readiness to intentional experiences for 100% of your students is key for our students’ futures. Participants will develop a college and career continuum of experiences for 9th - 12th grade students and learn how to develop a tracking tool to measure success. Nadia, from the Philadelphia Academies Incorporated, will share a tool designed by PAI to track and measure success of the continuum.

Moving the Needle: Managing and Sustaining Project-based Learning

This session is designed to provide Leadership models to facilitate management to sustain the project-based learning teaching methodology. Once training is established and teachers are moving forward with implementation to improve student experiences, the next phase is to establish a management and sustainability system to establish a culture of inquiry-based learning.

Nissan Plant

Get an insider’s look at modern manufacturing during this behind the scenes tour at Nissan’s Smyrna plant that employs over 7,000 people and produces more than 550,000 vehicles annually. Learn about Nissan’s partnership with the Metro Nashville Public Schools to provide students with the skills they need to be competitive in an industry that has been transformed by technology.

Gaylord Opryland Resort & Convention Center

The tour provides a sneak peek of the property’s front of house and back of house functions. Learn how the Resort partners with McGavock High School’s Hospitality Academy to provide hands-on training to students to prepare them for careers in the hospitality industry including the areas of Culinary, Front Office, Marketing and Finance.

Country Music Hall of Fame and Museum

Founded in 1967, the Country Music Hall of Fame and Museum is a not-for-profit education institution that preserves and interprets the evolving history and traditions of country music. Functioning as a national history museum and an international arts organization, the Museum is one of the most visited in the United States. Tour the museum, meet the staff, and learn about the partnership with Cane Ridge High School. From college and career readiness experiences to exclusive student workshops, the collaboration between the museum and Cane Ridge offers a dynamic and mutually beneficial relationship.

CMT

Tour CMT for a behind-the-scenes glimpse into the creation, development and production of your favorite CMT content. You’ll visit our in-house TV and radio studios as well as the creative and production departments. Through our partnership with McGavock High School’s CMT Academy of Digital Design and Communication, the network creates opportunities for students to cultivate their talents and grow their skills in preparation for exceptional future careers. Learn how CMT’s mentorship, job-shadowing, and internship programs are providing students with the skills necessary to succeed in the workforce today.

**Meet at the Presidential Portico at 7:30 am and find the sign
for your tour to leave on time!**

Presidential Chamber A

Connie Majka
PHILADELPHIA ACADEMIES, INC

Waipahu Students
WAIPAHU HIGH SCHOOL

Jackson C

Dr. Nicole Cobb
VANDERBILT UNIVERSITY

Presidential Boardroom A

Dr. Michelle Wilcox, Dr. Aimee Wyatt

SOUTHERN REGIONAL
EDUCATION BOARD

Demystifying Design Thinking

From the beginning, the framework called Design Thinking was a scaffolding for the real deliverable: creativity. With the help of students from Waipahu High School, Waipahu, Hawaii, you'll see how the Design Thinking framework offers educators and students a structure for understanding and practicing collaborative and creative problem solving.

Understanding My Role as an Academy Counselor

What is my role as an Academy Counselor? This presentation will offer a crosswalk of the National Counseling Standards and the National Standards of Practice for Academies.

Business and Industry Tours: Building partnerships through collaboration with Project-based Learning

Partnering with Business and Industry seems like a very simple idea. However, over the past 6 years we have learned it requires work. This session showcases how business and industry tours need to be customized to be effective tools to authenticate project-based learning providing the best student experience. The results of the effectiveness of the tours will be shared. Not all tours will meet your needs. This session will provide a protocol to maximize the effectiveness of the tour as a learning tool.. Pre-assessing a tour is critical to establish a contact and pursue an opportunity to customize tours to meet the needs of educators. You will need to conduct a pre-tour session to target specific areas and aspects of the industry to meet your needs. Documenting evidence during the tour to capture authentic problem-solving, assessment, technical, academic and employability skills needs to be established. The tour debrief is essential in capturing the evidence needed to take back and share with faculty as resources to implement. Participants will be challenged to view snapshots of small, medium, and large business/ industry tours conducted to extract methods of replicating performance tasks and assessment to share with their staff.

Presidential Chamber B

Pam Daly
DK BRAND

 THIS SESSION IS OFFERED TWICE

Jackson A

Anita Harkins
NEETZ SPEAKS, LLC

Jackson D

Dr. Tommy Welch, Kevin Wood
GWINNETT COUNTY PUBLIC SCHOOLS

Jackson E

Kathleen Harris
CONNECTED

“What you talking ‘bout, Willis”? Part DEUX

Continuing her series of brand strategy workshops, Pam Daly will walk you through the identification of key audiences and messages for communicating the benefits of your College and Career Academies. You will explore generational preferences for receiving information and examples of actual tactics used by districts to effectively reach each. This high energy, interactive session will provide real tactics you can use in your district that have proven results.

Warnings, Warnings, Warnings... How Many is Enough?

One of many causes of academic gaps is the continual disruption of classroom instruction because of low level student behaviors. “Time To Teach” provides, real, immediate strategies for teachers to use and will eliminate low level behavior problems. No longer will teachers have to be constantly dealing with classroom discipline disruptions and instead give teachers more time to teach!

Organizing a Challenged High School for Improvement with Career Pathways and Academies

Participants will learn how Meadowcreek High School, a large comprehensive high school, has used career academies as the framework for changing the school's culture. The school's principal (2017 Georgia High School Principal of the Year) will share key steps and missteps that have allowed the school to increase achievement and completion rates.

Career Academies Work Because Motivation Matters

Recognizing the indicators of intrinsic motivation can empower teachers and leaders to better incentivize learning, academy team participation and college and career planning. You will learn to use a simple tool to identify motivation preferences and address natural proclivities when teaching or leading.

Lincoln A**Katherine Blasik**NATIONAL ACADEMY
FOUNDATION**Lincoln B****John Deorge**

DELOITTE

Bob Kucher

PENCIL

Jackson B**Dan Thielen**

ACADEMIES OF RACINE

The Good News of a Recent Longitudinal Study of NAF Impact and What it Means to YOU

First, the findings of an external evaluation study conducted by ICF International will be shared. The matching of NAF student with non NAF students in a longitudinal study demonstrate positive results in graduation rates that can be used to support the advantage of career academy participation. Second, participants will review the key findings and relate how these are or can be addressed in their own district, school or academy.

Best Practices on Strong Community Partnerships

This Best Practice session will allow attendees the opportunity to share, discuss and debate ideas for building strong community partnerships. Group discussion will focus on three areas: on-boarding new partners, volunteer engagement and partner retention. Attendees will work in small groups with the opportunity to share their idea with the larger group. Come share, learn and enjoy!

Success Ready! Refining College, Career, and Life Readiness

High schools across the country work hard to provide students with rigorous academic programs, personalized and career-specific learning experiences, along with social and emotional skills that prepare them to be global citizens in an ever-changing world. Students learn in a variety of ways. They should be able to demonstrate readiness in a variety of ways. This session will explore the development of indicators that lead to college, career, and life readiness.

Ford Community Connected Learning

(registered participants only)

Have you ever wondered how to take project-based learning to the next level? In this workshop you will gain insights and tools from Ford NGL's model. You get to be the first in this exclusive workshop offered for the first time for participants outside of the Ford NGL network. Ford NGL's Community Connected Learning, CCL for short, is a scaffolded approach that brings the worlds of education and business together to provide students real world, powerful educational experiences and provide businesses with a prepared and qualified workforce. Ford CCL is like giving every high school student in your community an internship experience. Now that's powerful! As a participant in this workshop, you will gain knowledge, insights and tools to begin the journey of better connecting business and education. You will learn about the four levels in the CCL process, why CCL is effective, and how you can apply it to your community. You will also gain insights from other communities engaged in implementing Ford CCL as well as benefit from lessons they have learned along the way. You will also have an opportunity to apply your learning by creating first steps/next steps for your community and receiving feedback in the workshop to help you go further.



**FORD
NEXT GENERATION
LEARNING** 
Education Innovation

Magnolia Ballroom**Sue Hubbard**

FORD NEXT GENERATION LEARNING

OUR SPONSORS

Schools districts, business partners, and other organizations have the opportunity every year to secure NCAC membership and sponsorship of events like the National Career Academy Coalition Conference. Thank you to all of our sponsors and members for supporting students and schools across the country.

EXHIBITORS

AMERICAN ALLIANCE FOR INNOVATIVE
SYSTEMS, LLC.

PENCIL

ALIGNMENT NASHVILLE/ALIGNMENT USA

PHILADELPHIA ACADEMIES, INC



SPECIAL THANKS

THE TURNER FAMILY FOUNDATION
CANE RIDGE HIGH SCHOOL STUDENTS
OFFICE OF THE MAYOR
NASHVILLE CHAMBER OF COMMERCE
NASHVILLE RENAISSANCE HOTEL



The Nashville Hub provides coaching and support to communities that are working to transform the high school experience using the Academy model to prepare all students for college, career, and life.



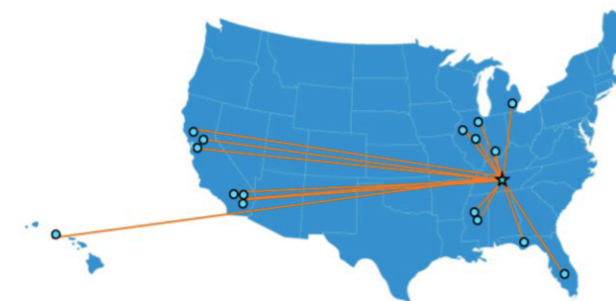
Nashville Hub services and events:

- o Trainings and Consultancies
- o Academies of Nashville Study Visit
- o Student Study Visit
- o Deeper Dive

Learn more by visiting www.nashvillefordhub.org

ALIGNMENT USA

Alignment USA facilitates a vibrant network that allows member communities to share successes while inspiring and supporting each other as they implement the Alignment approach.



Benefits of the AUSA Network include:

- o Access to emerging practices and results
- o Personalized coaching and support
- o Access to collaborative portal software
- o Role-alike and cohort-based networking
- o Annual AUSA Network Conference

Learn more by visiting www.alignmentusa.org



**American Alliance
for Innovative Systems LLC.**

Group Dynamics/Technical Support/Systems Redesign



WHAT IS AN NCAC INSIGHT ONSITE?



InSight OnSite

**An NCAC Insight Onsite is a deep dive into
Career Academy Implementation**

There is no better way to understand the power and effectiveness of Career Academies than by experiencing them in person. That is why NCAC has developed an innovative series of events that puts you right into the daily life of a highly successful Career Academy.

This new program, Insight Onsites, delivers either a one or two-day intensive seminar designed to provide an in depth exploration of the college and career academy model. These unique events take place on-site at high schools across the country that have achieved the prestigious National Career Academy Coalition Model designation. Attendees will learn how these Model Academies have embedded the ten National Standards of Practice for Career Academies (NSOP) in their Career Academy programs and how their academy was able to meet and exceed these Standards.

Upcoming Locations:

- Clearwater, FL - February 5, 2018
- Waipahu, Hawai'i - February 7-9, 2018
- Jacksonville, North Carolina - March 12-13, 2018
- Independence, MO - April 2, 2018

For more information, visit:
www.ncacinc.com/services/insight

OUR SERVICES

NCAC has been requested to provide a variety of services to school districts to help either design career academies or to help academies attain high quality and sustainability. NCAC works with a cadre of seasoned professionals who know and understand career academies and smaller learning communities. The services listed below can be discounted for NCAC members.

ACADEMIES 101

Are you just beginning to learn about academies and smaller learning communities? Did you just receive a grant and need a roadmap? Does scheduling, integration, teaming and recruitment make your head spin? Do you worry about developing an advisory board or creating effective partnerships? In this training you will receive guidance from professional based on the ten National Standards of Practice and learn the secrets of how to get started in the right direction!

ACADEMIES 201

Have you started your academy and want to move it to the next level? Or are you stymied by particular challenges—advisory board consistency, integrated projects, student recruitment and retention, marketing, common planning time, data collection—just to name a few? This training will ask you to do some self-examination ahead of time to determine your academy needs and then will connect you with professionals who can help your academy move forward.

FROM CTE TO CAREER ACADEMY

Do you have a strong Career & Technical Program that could serve as a core for a career academy? Do you want to find ways to connect your student technical skill training with college preparation and academics? This training from professionals will provide a crosswalk between CTE and career academies based on the National Standards of Practice and will help you map out an implementation strategy.

CAREER ACADEMY REVIEWS

Are you proud of your career academies? Do you want others to visit and learn about the success you are having? When foundations and others in your community ask about your data so they can provide you with resources, what can you share with them to validate your work? NCAC has developed a Career Academy Review process based on the National Standards of Practice. In a Self-Assessment document are criteria for implementation of the Standards and the necessary documentation to verify their implementation. After a school district contracts with NCAC for an academy review, it conducts its own self assessment, prepares a binder of documentation and is then visited by two NCAC trained and seasoned reviewers for a site review. While you will receive a final written document after the visit, you will also have valuable ongoing feedback from us during the review. The final document will include a rating of “model,” “certified” or “in progress.” Model designation carries with it the certainty that all ten Standards are met and that most are exceeded and that people could visit your academy and leave knowing that they had seen what a consistently high caliber academy looks like. In fairness to your academy and for the purpose of data collection, no review will occur unless there has been a graduating class.

NSOPs

The National Standards of Practice for career academies were developed by an informal consortium of national career academy organizations. Drawn from many years of research and experience, they are framed around ten key elements for successful, sustained implementation of academies. These Standards are a way to ensure that academies are adhering to rigor on multiple levels, including academics. These Standards become a way to define a career academy and provide a vehicle for academies to share strategies, challenges and successes on a level playing field.

I. DEFINED MISSION AND GOALS:

The career academy has a written definition of its mission, goals and benchmarks. These are developed by and available to the administrators, teachers, students, parents, advisory board and others involved in the academy.

II. ACADEMY DESIGN:

An academy has a well-defined structure within the high school, reflecting its status as a small learning community.

III. HOST COMMUNITY AND HIGH SCHOOL:

Career academies exist in a variety of district and high school contexts which are important determinants of an academy's success.

IV. FACULTY AND STAFF:

Appropriate staff selection, leadership, credentialing and cooperation are critical to an academy's success.

V. PROFESSIONAL DEVELOPMENT AND CONTINUOUS LEARNING:

Since an academy places teachers and other adults into roles not normally included in their previous training, providing adequate professional development time, leadership and support is critical.

VI. GOVERNANCE & LEADERSHIP:

The academy has a governing structure that incorporates

the explicit roles of all stakeholders and the leaders of the advisory board.

VII. TEACHING AND LEARNING:

The teaching and learning within an academy meets or exceeds external standards and college entrance requirements, while differing from a comprehensive high school by focusing learning around a theme.

VIII. EMPLOYER, POST-SECONDARY EDUCATION AND COMMUNITY INVOLVEMENT:

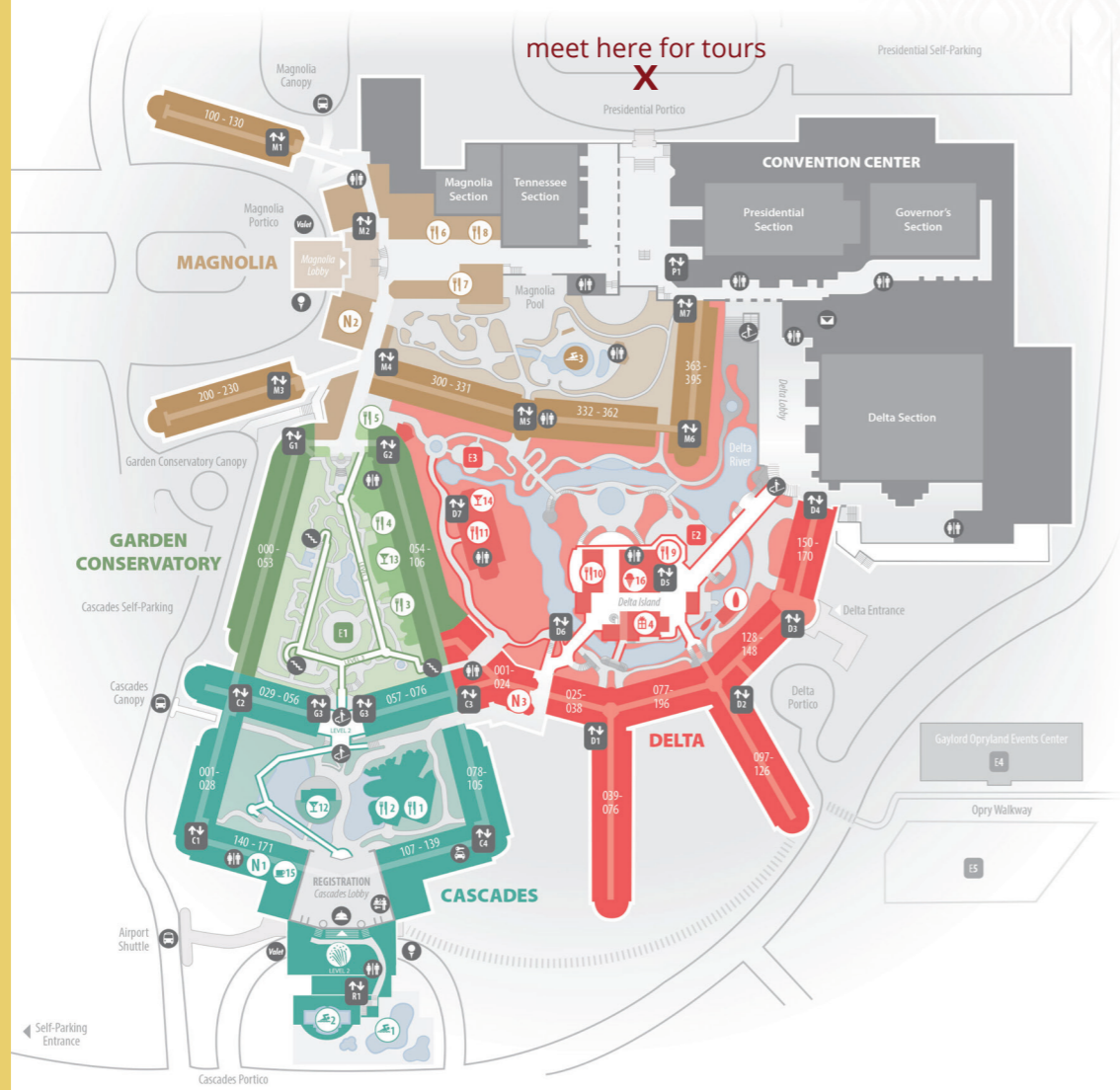
A career academy links high school to its host community and involves members of the employer, post-secondary education and civic community in certain aspects of its operation.

IX. STUDENT ASSESSMENT:

Improvements in student performance are central to an academy's mission. It is important to gather data that reflect whether students are showing improvement and to report these accurately and fairly to maintain the academy's integrity.

X. SUSTAINABILITY:

No new academy functions perfectly. Even well established and highly functioning academies benefit from self-examination and refinement. Ensuring and improving the quality of a career academy requires engaging in a regular cycle of improvement.



Overview Map

COLOR LEGEND

- Cascades
- Garden Conservatory
- Magnolia
- Delta
- Convention Center

KEY

- Concierge
- Front Desk
- Valet
- Bus
- Taxi
- Car Rental
- Restrooms
- Elevator
- Stairs
- Escalator
- FedEx Office Business Center

EVENT SPACE

- E1 Crystal Gazebo
- E2 Water's Edge
- E3 Delta Pavilion
- E4 Gaylord Opryland Events Center
- E5 Gaylord Opryland Events Center Lawn

AMENITIES

- A1 Cascades Outdoor Pool
- A2 Indoor Pool
- A3 Relâche Spa, Salon & Fitness Center (Level 2 of Cascades)
- A4 Delta Riverboats
- A5 Magnolia Outdoor Pool
- A6 Gaylord Springs Golf Links & Fitness Center (Level 2 of Cascades, 5 min from resort)

SHOPPING

- N1 Cascades Necessities
- N2 Magnolia Necessities
- N3 Delta Necessities
- N4 Delta Island Shops

DINING

- D1 Cascades American Café
- D2 Wasabi's (Sushi Bar)
- D3 Solario Cantina (Mexican)
- D4 Ravello (Italian)
- D5 Conservatory Café (Grab & Go)
- D6 Fuse Sports Bar
- D7 Jack Daniel's (Southern)
- D8 Findley's Irish Pub
- D9 Stax (Burgers / Grab & Go)
- D10 Paisano's Pizzeria & Vino (Grab & Go)
- D11 Old Hickory Steakhouse

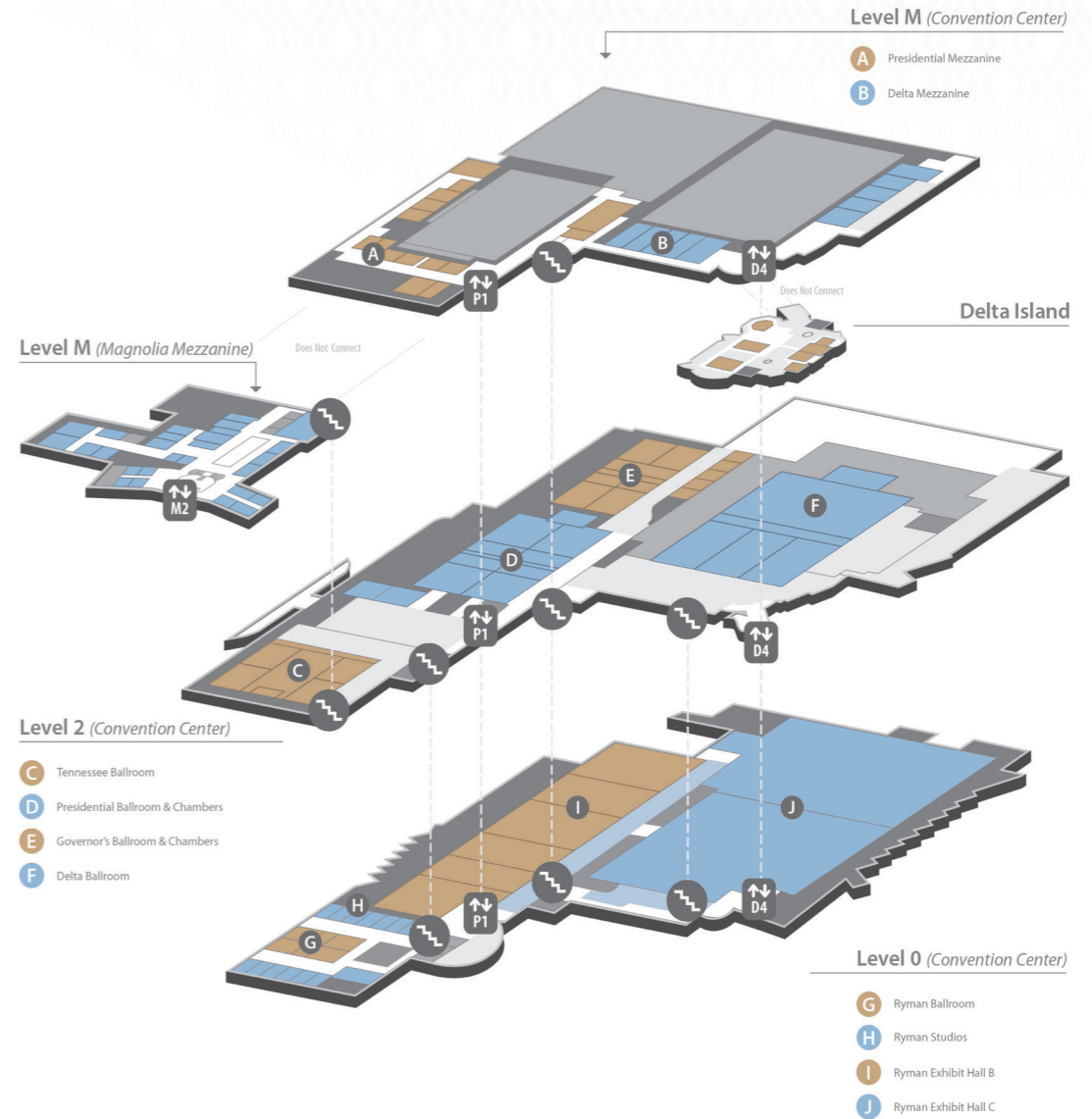
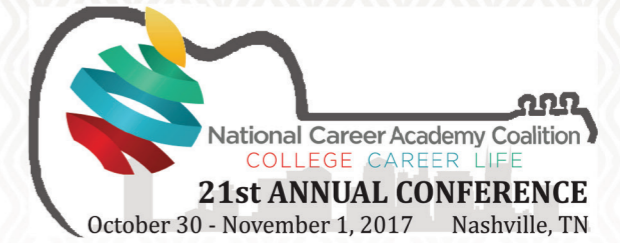
BAR & LOUNGE

- B1 The Falls
- B2 Conservatory Wine Bar (Lower Level)
- B3 Library Lounge

EATERY

- E1 Cocoa Bean (Coffees)
- E2 Delta Delight (Frozen Yogurt)

CONVENTION CENTER Level Map





22nd NCAC ANNUAL CONFERENCE

November 5 - November 7, 2018

JW MARRIOTT HOUSTON

5150 Westheimer Road

Houston, TX 77056