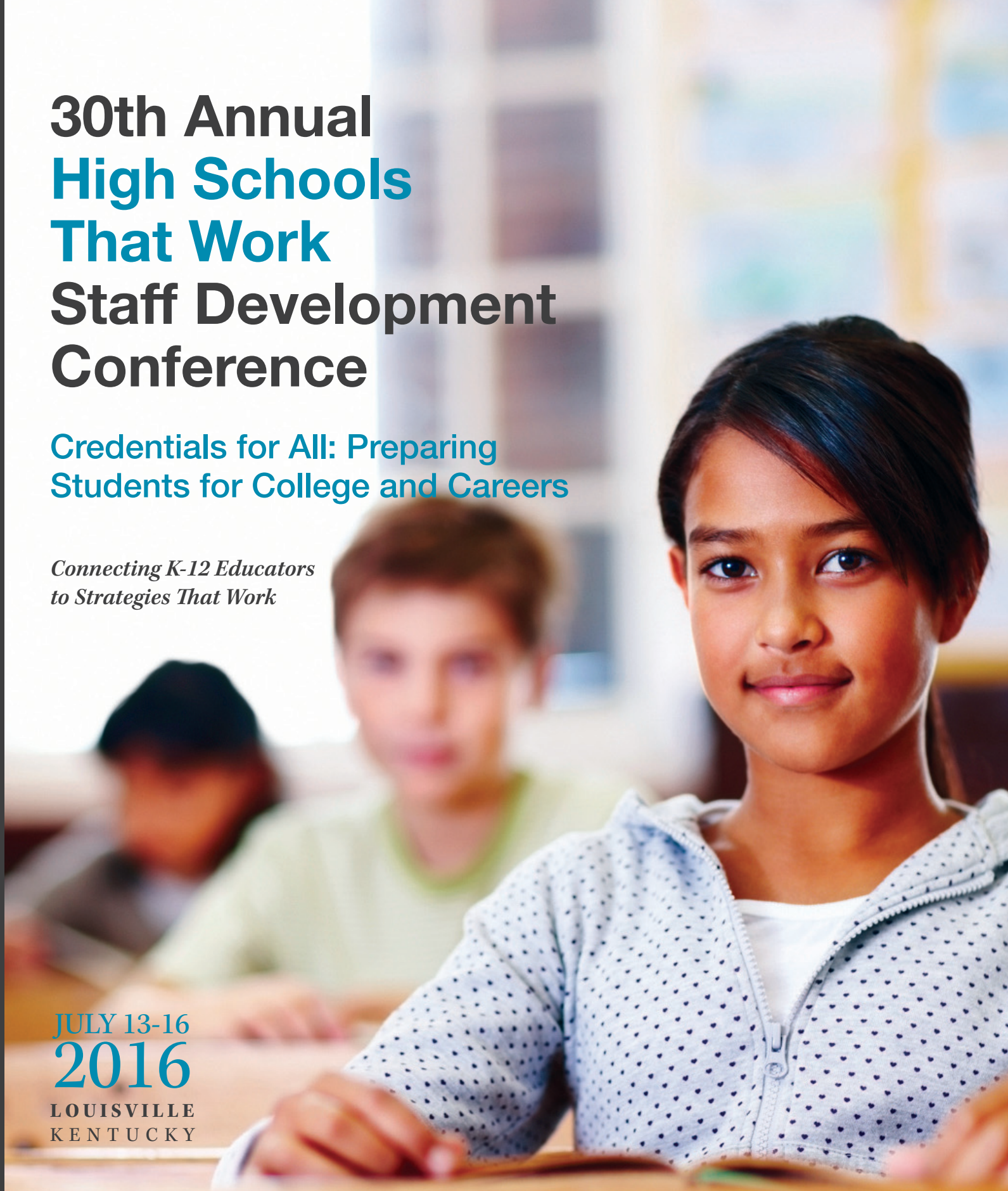
# 30th Annual High Schools That Work Staff Development Conference

## Credentials for All: Preparing Students for College and Careers

*Connecting K-12 Educators to Strategies That Work*



JULY 13-16
2016
LOUISVILLE
KENTUCKY

SREB | High Schools That Work

## SREB SCHOOL IMPROVEMENT INITIATIVES

### Advanced Career (AC)

AC is an initiative of SREB and a multi-state consortium focused on creating curricula for pathway programs of study that prepare high school students for careers and meaningful credentials or postsecondary certificates or degrees. Each AC four-course sequence is organized around authentic, hands-on projects requiring application of the college- and career-readiness standards in reading, writing, math, and science, as well as technical and 21st-century skills. Each career pathway is joined with a college-ready academic core and designed to bridge high school and postsecondary studies.

### College- and Career-Readiness Initiative in Literacy and Mathematics

This new initiative assists teachers as they seek to apply the new college- and career-readiness standards for literacy and math to classroom instruction, assignments and assessments. The Literacy Design Collaborative (LDC) initiative supports teachers to embed the literacy standards into instruction in ways that advance reading and writing skills and achievement across content areas. The Mathematics Design Collaborative (MDC) effort assists teachers to use formative assignments and assessments to improve students' understanding and reasoning skills in math.

### Counseling for Careers

Counseling for Careers is an initiative to assist districts and schools (middle grades, high schools, and technology centers) to orient students, teachers, counselors, administrators, parents, and community partners to career opportunities in the state and region, career pathway programs of study, postsecondary education, and training opportunities. The intent is to help students align a career pathway program of study to a career goal, postsecondary studies, and/or employment, resulting in a successful future. Counseling for Careers gives students real-world experiences and career exploration through job shadowing, work-based learning, internships, and career exploration events, such as a hands-on career fair.

### Direct Services to Districts and Schools

High Schools That Work (HSTW) provides services to high schools and middle grades schools across the nation that contract directly with SREB for assistance in adopting the HSTW or Making Middle Grades Work (MMGW) improvement designs. The districts and schools are committed to improving student achievement by providing challenging academic and career and technical education programs, setting high expectations for students and teachers, and offering quality professional development.

### Enhanced PBL in CTE

The Enhanced PBL in CTE initiative was established as a partner effort with the Advanced Career (AC) initiative. While AC focuses on the implementation of new career and technical education (CTE) programs of study, Enhanced PBL in CTE focuses on improving the quality of assignments and assessments in existing high-demand, high-skill, high-wage CTE programs. The training model is focused on teachers working with business and industry partners in developing real-world, project-based assignments that require students to apply technical, academic college- and career-readiness standards, technology, and 21st-century skills to compete.

### High Schools That Work (HSTW)

The HSTW Goals, Key Practices and Key Conditions are a framework for whole-school improvement at more than 1,200 high school sites in 30 states and the District of Columbia. HSTW works with the states to deliver technical assistance, professional development, publications, and assessment services to schools and districts. The annual HSTW Staff Development Conference inspires and informs administrators, teachers and counselors seeking ways to raise standards and achievement.

### HSTW Urban Network

The HSTW Urban Network connects the HSTW improvement framework to the unique challenges faced by urban schools. Urban districts are asked to raise graduation requirements, align the curriculum with national and state standards, and support schools in developing and implementing improvement plans. Urban schools seek to raise expectations by implementing the HSTW Key Practices and participating in site-specific professional development.

### Learning-Centered Leadership Program

The mission of the Learning-Centered Leadership Program is to create leadership programs that effectively prepare principals and school leadership teams to lead improvement in curriculum, instruction and student achievement. This work is accomplished through researching and publishing reports on critical leadership issues, providing technical assistance to states, and training school leadership teams to implement strategies for school improvement.

### Making Middle Grades Work (MMGW)

SREB's middle grades consortium works with more than 600 schools in 20 states to raise the academic achievement of middle grades students and to increase the percentages of students who are prepared for challenging high school studies. Schools implement a comprehensive framework that emphasizes rigorous academic courses and continuous school improvement.

## SREB SCHOOL IMPROVEMENT INITIATIVES

### Teaching to Lead: Transitioning Business and Industry Professionals to the Classroom

SREB research shows the majority of new career and technical education (CTE) teachers arrive in the classroom from industry through alternative preparation programs that provide little or no preparation in how to teach. The Teaching to Lead program helps accelerate the transition of individuals with highly valued business and industry experience into the teaching profession without going through traditional teacher preparation and certification. The Teaching to Lead program includes more than 200 hours of professional development in instructional planning, research-based instructional strategies, classroom assessment and classroom management.

### Readiness Courses

SREB Readiness courses teach the disciplinary literacy, writing and math learning skills young adults must have to succeed in college study and the workplace: how to think independently, read for information and solve problems. SREB has developed two Readiness courses for postsecondary studies — Literacy Ready and Math Ready — to teach high school seniors who are unprepared for college the reading, writing and math skills they need to succeed in college and the workplace. SREB is also developing two Ready for High School courses in literacy and math for schools to use in either the eighth or ninth grade. These courses are designed to improve student preparedness for high school studies.

### Technology Centers That Work (TCTW)

TCTW assists shared-time career and technical education centers to improve student achievement and produce graduates who can achieve in high-demand, high-skill, high-wage career fields. The TCTW design is based on the HSTW design, with modifications that address the specific needs of shared-time centers. More than 175 centers in 17 states participate in activities to promote increased academic and technical performance.

### National Research Center for Career and Technical Education (NRCCTE)

The National Research Center for Career and Technical Education (NRCCTE) at SREB provides evidence-based solutions to challenges in policy and practice in students' college and career readiness in secondary schools and workforce readiness in community and technical colleges. NRCCTE provides research-based professional development to career and technical education (CTE) teachers. NRCCTE at SREB also provides research to guide the redesign of existing secondary CTE programs to ensure alignment with the needs of students, postsecondary education, the workplace and the community — thus enhancing students' transition to postsecondary education and the workplace.

# CONTENTS


Conference Purpose and Objectives....2
Session Types....2
Sessions by Objectives and Sub-Objectives....3
Special Information....6
- Conference Headquarters....6
- Registration Information....6
- Exhibits....6
- Meals....6
- Social Media and Mobile App....6
- Evaluations and Certificates of Participation....7

Excellence in Action Awards....7
Tips for Using This Program....8
Personal Schedule....9
Meetings, Orientations and Workshops....11
- HSTW Pre-Conference Workshops....11
- HSTW Board Meeting....11
- Orientation to HSTW....11
- Orientation to MMGW....11
- Orientation to TCTW....11
- TCTW Advisory Committee Meeting....11
- Advanced Career School Teams Workshop....11

Opening General Session....12
State Meetings....12
Thursday Sessions....13
Friday Sessions....52
Saturday Sessions....86
Closing General Session....91
Presenters Index....92
Exhibitors and Booth Numbers....108
HSTW Network States and Conference Planning Committee....109
SREB School Improvement Staff....110
Hotel Maps....113
Participant Notes....117
2017 HSTW Conference.... Back Cover

## CONFERENCE PURPOSE

The 2016 HSTW Staff Development Conference will provide innovative, proven strategies that will prepare students in elementary schools, middle grades schools, high schools and technology centers with the skills and knowledge needed to succeed in college and the 21st-century workplace.

## CONFERENCE OBJECTIVES

1. **Close the engagement gap** by designing rigorous career pathway programs of study that connect middle grades and high school students to promising postsecondary education and career goals.
2. **Close the credential gap** by working with employers and postsecondary institutions to design and select assessments that offer long-term value to students, employers and the economy and to design career pathways that span high school, two- and four-year institutions, and the workplace.
3. **Close the literacy and math readiness gaps** by facilitating learning experiences in elementary school, the middle grades, high school and technology centers that provide all students with opportunities to master grade-level competencies needed to succeed in college and careers.
4. **Close the opportunity gap** by creating systems of ongoing career counseling, exploration and advisement in the middle grades, high school and technology centers and by assisting students to plan programs of study aligned with career opportunities and postsecondary studies.
5. **Close the motivation gap** by tailoring personalized learning experiences to the interests and preferences of students to advance college and career readiness in the middle grades, high schools and technology centers.
6. **Close the gap in instructional practices** by preparing all academic and career pathway teachers — especially new teachers from industry — with the professional development and fast-track induction needed to meet high academic, technical and pedagogical standards to enhance students' academic and technical readiness for college and careers.
7. **Close the school design gap** by making better use of time and other resources in the middle grades, high schools and technology centers to advance student readiness for the next grade level, college and careers, and for postsecondary credentials and degrees.
8. **Close the school practices gap** by supporting school leaders in creating a culture of continuous improvement that centers on college and career readiness.

## SESSION TYPES

### Best Practices (BP)

These 60-minute sessions will feature best practices and lessons learned by discipline areas in elementary schools, middle grades schools, high schools and technology centers, as well as strategies that have enhanced student learning and improved school culture.

### Deep-Dive (DD)

These two-hour sessions prepare teachers to return to the classroom with plans to implement key improvement strategies with support from their principals.

### Mini-Sharing (MS)

These 25-minute sharing sessions allow participants to gather information from a variety of presenters and to brainstorm with others. These sessions may be a condensed version of a full session and include handouts describing an outstanding practice or project.

### Scaling (SC)

These 60-minute sessions will share successful strategies used by states, districts and schools to increase collaboration and student achievement within districts and schools and to achieve deep implementation of HSTW, MMGW and TCTW Key Practices.

## CONFERENCE OBJECTIVES AND SUB-OBJECTIVES

1. **Close the engagement gap by designing rigorous career pathway programs of study that connect middle grades and high school students to promising postsecondary education and career goals.**

    a. Align structured career pathway programs of study that begin in high schools and technology centers to workplace opportunities and continued postsecondary studies through early credential and college programs, dual enrollment, work-based learning and other approaches.

    3, 59, 106, 147, 175, 214, 261, 290, 305, 340, 439, 440, 454, 507, 513, 610

    b. Develop career pathway programs of study that a) combine a college-ready academic core with challenging technical studies, b) engage students in completing challenging real-world assignments, and c) allow students to choose accelerated learning options to earn relevant industry credentials and/or postsecondary credits toward an associate degree or higher.

    37, 60, 107, 176, 243, 262, 312, 441, 455, 514, 515, 542, 559, 587, 611

    c. Develop opportunities for work-based learning, job shadowing, internships, training and school-based enterprises to expose students to career opportunities.

    38, 39, 108, 177, 215, 263, 309, 341, 361, 362, 412, 442, 456, 481, 508, 543, 588, 612

    d. Develop and adopt Advanced Career pathway programs of study to meet emerging opportunities in STEM-related fields such as informatics, computer science, cybersecurity, advanced manufacturing, aerospace engineering, energy and power, renewable energy, innovations in science and technology, and more.

    11, 61, 109, 205, 291, 313, 363, 388, 413, 414, 516

    e. Incorporate computer science into middle grades, high school and technology courses — including biology, mathematics, engineering or physics — and design computer science and cybersecurity career pathways that align to postsecondary studies and emerging career opportunities.

    12, 40, 56, 100, 110, 178, 216, 264, 310, 364, 406, 517, 586

2. **Close the credential gap by working with employers and postsecondary institutions to design and select assessments that offer long-term value to students, employers and the economy and to design career pathways that span high school, two- and four-year institutions, and the workplace.**

    a. Work with postsecondary and industry partners to set academic, technical and workplace-readiness standards that students must master to enter postsecondary education and training and secure good jobs in high-wage, high-demand fields.

    13, 62, 111, 131, 217, 314, 358, 389, 443, 613

    b. Involve industry and postsecondary partners in identifying, evaluating and implementing industry certification exams that are valued by employers, give students an edge in the job market and carry postsecondary credit.

    14, 265

    c. Involve employers in designing authentic, project-based assignments that require students to apply academic, technical, workplace-readiness and problem-solving skills and in assessing students' skills attainment.

    82, 112, 148, 218, 266, 415, 482, 518, 561, 614

    d. Work with two-year community and technical colleges to develop and approve dual credit academic and career and technical education (CTE) courses as part of structured programs of study leading to a credential or degree.

    15, 16, 149, 244, 342, 483, 519

    e. Establish state and local policies to support high schools, communities and employers in implementing the major recommendations proposed by SREB's Commission on Career and Technical Education, as detailed in SREB's publication *Credentials for All: An Imperative in SREB States*.

    113, 484

3. **Close the literacy and math readiness gaps by facilitating learning experiences in elementary school, the middle grades, high school and technology centers that provide all students with opportunities to master grade-level competencies needed to succeed in college and careers.**

    a. Incorporate the Literacy Design Collaborative strategies in all elementary (grades three to five), middle grades, high school and technology center classrooms to engage students in mastering grade-level texts across academic and technical disciplines and in demonstrating their understanding orally and in writing.

    17, 18, 19, 63, 64, 65, 83, 98, 114, 115, 116, 132, 150, 151, 179, 180, 181, 206, 219, 220, 245, 267, 292, 315, 316, 317, 318, 318, 343, 365, 366, 367, 368, 403, 416, 417, 418, 457, 458, 485, 486, 487, 520, 521, 522, 554, 555, 562, 563, 564, 589

    b. Incorporate the Mathematics Design Collaborative strategies in all elementary (grades three to five), middle grades, high school and technology center classrooms to advance students' abilities to apply math concepts to abstract and real-world problems and to demonstrate their understanding both orally and in writing.

    1, 4, 20, 66, 84, 99, 101, 117, 118, 152, 182, 183, 184, 207, 221, 246, 247, 268, 306, 320, 344, 419, 420, 488, 489, 523, 524, 545, 565, 566, 590, 591, 615

c. Develop students' digital literacy skills in understanding and using technology tools and software to create and communicate mathematical concepts and to critically evaluate electronic sources.

21, 22, 85, 133, 153, 185, 248, 269, 293, 345, 346, 359, 369, 421, 459, 490, 511, 546, 567, 592

d. Identify at-risk elementary, middle grades and high school students and provide the extra learning time and quality support they need to achieve grade-level college- and career-readiness standards, such as transitional literacy and math courses in eighth or ninth grade and senior-year courses in literacy and math for underprepared students.

7, 23, 41, 53, 67, 68, 86, 119, 134, 145, 154, 155, 156, 186, 187, 188, 189, 222, 223, 249, 258, 270, 294, 321, 322, 370, 371, 372, 407, 422, 444, 460, 461, 462, 479, 491, 512, 525, 526, 568, 569, 593, 594, 609, 616, 617

**4. Close the opportunity gap by creating systems of ongoing career counseling, exploration and advisement in the middle grades, high school and technology centers and by assisting students to plan programs of study aligned with career opportunities and postsecondary studies.**

a. Educate students and parents about college- and career-readiness benchmark standards in literacy and math that students must master to enter credit-bearing postsecondary courses and avoid remedial studies.

5, 24, 42, 120, 135, 157, 190, 191, 224, 225, 226, 271, 323, 347, 373, 390, 391, 408, 423, 445, 463, 492, 570, 585

b. Develop exploratory courses and activities in the middle grades and early high school that allow students to become familiar with a variety of career pathways.

43, 69, 87, 121, 136, 158, 192, 227, 250, 272, 374, 446, 493, 494, 571, 595, 618

c. Design distributive, curriculum-based career counseling systems in the middle grades, high schools and technology centers.

193, 375, 572

d. Establish a system of counseling for careers that assists parents and students in designing personalized career pathway programs of study based on students' interests, aptitudes, academic strengths and personalities and aligned with emerging career opportunities and postsecondary studies.

44, 51, 70, 159, 194, 251, 295, 324, 376, 377, 424, 527, 573

e. Educate students, teachers and parents about advanced industry credentials, certificates, and associate and bachelor's degree programs aligned to emerging career fields and about career pathways that can provide the experiences needed to acquire such credentials.

45, 160, 228, 296, 325, 447

**5. Close the motivation gap by tailoring personalized learning experiences to the interests and preferences of students to advance college and career readiness in the middle grades, high schools and technology centers.**

a. Share best practices of schools and districts using personalized learning experiences to advance students' college and career readiness.

46, 47, 71, 72, 73, 88, 122, 137, 138, 161, 195, 196, 252, 253, 254, 273, 274, 297, 298, 326, 327, 348, 349, 378, 379, 392, 425, 426, 448, 449, 464, 465, 495, 496, 528, 529, 547, 574, 596, 619

b. Understand the range of options for personalized learning and the basic principles and conditions for success.

25, 48, 123, 162, 163, 197, 208, 211, 229, 230, 259, 275, 328, 329, 350, 380, 393, 404, 427, 450, 497, 548, 575, 597, 598, 620

c. Develop policies and structures to provide quality personalized learning for students to advance student achievement.

26, 49, 74, 89, 90, 139, 164, 165, 198, 231, 255, 276, 277, 299, 307, 330, 394, 428, 429, 451, 466, 498, 499, 530, 544, 576, 577, 578, 599, 600, 621, 622

d. Create options for students to personalize a career pathway program of study to fit their career goals utilizing school-based resources, resources from other institutions (technology centers and community colleges), web-based courses and work-based learning.

8, 91, 166, 232, 331, 430, 549

**6. Close the gap in instructional practices by preparing all academic and career pathway teachers — especially new teachers from industry — with the professional development and fast-track induction needed to meet high academic, technical and pedagogical standards to enhance students' academic and technical readiness for college and careers.**

a. Provide an intensive, fast-track induction program for new, alternatively certified career pathway teachers that supports teachers through at least the first full year in the classroom.

102, 167, 233, 278, 405, 431, 467, 531, 532

b. Provide academic and career pathway teachers and administrators with professional development to design intellectually demanding project-based assignments that blend the academic, technical and problem-solving skills students need to succeed in work and advanced study.

9, 27, 75, 76, 92, 124, 168, 199, 234, 235, 279, 280, 300, 308, 332, 351, 395, 452, 468, 500, 509, 533, 534, 601, 623

c. Engage employer partners in offering industry internships for academic and CTE teachers during the summer, as needed, to refresh and develop their understanding of the requirements and opportunities in the 21st-century workplace.

28, 140, 169, 281, 501

d. Assist career pathway teachers (academic and CTE) in designing classroom assessments that measure academic, technical, problem-solving and 21st-century skills.

125, 209, 333, 535

**7. Close the school design gap by making better use of time and other resources in the middle grades, high schools and technology centers to advance student readiness for the next grade level, college and careers and for postsecondary credentials and degrees.**

a. Adopt a transformational middle grades and high school framework, based on best practices, for organizing a college-ready academic core around rigorous career pathway programs of study leading to an advanced credential, associate degree or bachelor's degree.

77, 126, 236, 334, 352, 381, 382, 432, 453, 536

b. Create teams and schedules in the middle grades to ensure collaboration among academic teachers in planning relevant and impactful assignments within and across disciplines.

29, 55, 93, 127, 141, 170, 237, 256, 282, 301, 311, 353, 383, 469, 502, 550, 579, 602

c. Establish a personalized learning environment that ensures each student is a member of a team and has the same adviser/mentor throughout the middle grades, high school and in technology centers.

94, 238, 283, 302, 396, 433, 470, 603

d. Revise the school schedule in the middle grades, high schools and technology centers to provide all students with the time and extra help needed to be successful in meeting grade-level college- and career-readiness standards or in acquiring an advanced industry credential that has value to students, employers and the economy.

10, 50, 78, 142, 171, 200, 212, 284, 303, 335, 360, 397, 398, 409, 434, 471, 503, 537, 551, 580, 604

**8. Close the school practices gap by supporting school leaders in creating a culture of continuous improvement that centers on college and career readiness.**

a. Develop school leaders' understanding of good assignments and proven instructional strategies and their ability to support teachers in implementing such strategies.

6, 30, 31, 52, 79, 80, 95, 143, 201, 202, 239, 240, 285, 286, 336, 337, 354, 384, 399, 400, 435, 472, 473, 478, 504, 510, 538, 539, 556, 557, 605, 606, 624

b. Value academic college readiness and academic and technical career readiness equally through awards, graduation honors and other types of recognition.

54, 474

c. Create a distributive leadership system in which teams of school and teacher-leaders work together with outside partners to design solutions for difficult problems.

2, 32, 96, 103, 128, 129, 144, 146, 203, 210, 241, 287, 355, 385, 401, 436, 475, 505, 540, 552, 581, 582, 607, 625

d. Create a succession plan to ensure new leaders and teachers are prepared to continue and sustain school improvement efforts.

33, 57, 58, 104, 130, 172, 173, 204, 213, 257, 260, 288, 304, 338, 356, 386, 437, 438, 476, 480, 553, 583, 584, 626

e. Assist teachers and administrators in using student and faculty survey data, classroom formative and summative assessments, and external assessment data to make informed decisions about improving school and classroom practices.

34, 35, 36, 97, 105, 174, 242, 289, 339, 357, 387, 402, 410, 411, 477, 506, 541, 558, 608, 627

# SPECIAL INFORMATION

### Thank You, Kentucky Volunteers!

Very special thanks to the dedicated volunteers. Your enthusiastic assistance made this conference possible.

### Color Guard

The color guard ceremony will be conducted by the JROTC, Butler Traditional High School, Louisville, KY

Cadet Major Wooten, Cadet 1st LT Lockhart, Cadet 1st LT Thompson, Cadet SFC Corderz

### Conference Headquarters:

**Room: 111**

| | |
|---|---|
| Monday – Friday | 8 a.m. – 6 p.m. |
| Saturday | 8 a.m. – Noon |

HSTW staff members are available to answer questions, help with registration and schedule evening team meetings.

### Emergencies and Messages

SREB staff cannot be responsible for taking and relaying messages. Report accidents or emergencies to the Conference Headquarters or call 911.

### Registration: Dockside Lobby

| | |
|---|---|
| Tuesday | 3 – 6 p.m. |
| Wednesday | 8 a.m. – 6 p.m. |
| Thursday | 8 a.m. – Noon |

### Exhibits: Exhibit Hall 2D

| | |
|---|---|
| Registration | 8 – 10 a.m. |
| Wednesday | 10 a.m. – 2:30 p.m. |
| Thursday | 7 a.m. – 3:00 p.m. |
| Friday | 7 a.m. – 1:30 p.m. |

### Meal Tickets

Continental breakfasts (7 a.m.) and lunch (11:45 a.m. and 1 p.m.) will be served in Exhibit Hall 2D. **Lunch tickets are required and are included in your registration packet. Please take only one lunch per registered participant.** Refreshment breaks will be located in various locations throughout the convention center.

There will be two back-to-back lunch sessions on Thursday and Friday. Attendees are encouraged to attend the lunch time reserved for their state.

| | | |
|---|---|---|
| Thursday | 11:45 a.m. | AL - OH |
| | 1 p.m. | OK - WV |
| Friday | 11:45 a.m. | OK - WV |
| | 1 p.m. | AL - OH |

### Conference Etiquette

Please be considerate of other participants:

- Turn cell phones to vibrate or off entirely.
- Arrive on time and stay for the entire session.
- Refrain from saving seats for others.
- Move to the front of meeting rooms and sit in the next available seat.
- Refrain from moving chairs from one table to another in the Mini-Sharing Sessions.

### Meeting Rooms

Please review the conference maps of the Kentucky International Convention Center on pages 113 – 116.

**Optional State and Site Team Meetings**

State or site teams that would like to meet during the conference may request meeting rooms available from 4:30 – 6 p.m. on Thursday or Friday. Sign up at the Conference Headquarters located in Room 111.

### Mini-Sharing Sessions

Looking for additional information on a favorite conference objective? Miss an interesting session? Attend a Mini-Sharing Session, where you will learn more about a best practice, a teaching strategy or a winning program. Receive handouts and tips that will help raise expectations and increase student achievement. Mini-Sharing Sessions will take place in Room L15.

### Social Media

Follow us on Twitter **@SREBPDPrograms** and "like" us on Facebook at **HSTW Staff Development Conference** to receive up-to-date information about the conference and sessions. Use **#HSTW16** to join the conversation with fellow attendees, presenters and SREB staff.

Download our mobile conference app at **bit.ly/hstwconf16** to view the conference program on the go! Based on which sessions you favorite, the app will generate suggestions along with helpful information about the conference.

### Newsletters of Best Practices

These newsletters contain best practices from school leaders, teachers and other featured speakers from the 2016 HSTW Staff Development Conference. Each newsletter contains helpful information from schools successfully implementing the HSTW, MMGW and TCTW Key Practices. You also will find the name and email address of a person to contact should you want to learn more about a given school's practice.

If you would like to receive email notifications when the newsletters are available, contact summerstaffdev@sreb.org to join our mailing list.

## SPECIAL INFORMATION

### Online Presenter Handouts Available

Many presenters at this conference will make handouts available through an online system available on the conference website: www.sreb.org/summerconference. Handouts will be available through September 2016.

### Conference Evaluations

HSTW uses your feedback to improve the conference each year. An online evaluation form will be available after the HSTW Staff Development Conference. Certificates of participation will be available to participants only after completing the evaluation. The evaluation can be accessed at: www.sreb.org/summerconference

### Certificates of Participation

Certificates of participation are available online to attendees who have completed the online evaluation. No continuing education credits will be issued by HSTW. Please contact your local school district for information on how credits are awarded for attending conferences.

## EXCELLENCE IN ACTION AWARDS

**Using Career-Themed Academies to Transform Large High Schools Award**
Gwinnett County Public Schools
Gwinnett County, Georgia

**Outstanding State Participation in Advanced Career Award**
Ohio Department of Education

**Exceptional Transformation of CTE Centers — Statewide Award**
West Virginia Department of Education

**Outstanding CTE Center Award**
Elkhart Area Career Center
Elkhart, Indiana

**Transforming Teaching and Learning in a Rural District Award**
Camdenton R-III School District
Camdenton, Missouri

**Exceptional Transformation of Urban Middle Grades Schools Award**
Jefferson County Public Schools
Louisville, Kentucky

## TIPS FOR USING THIS PROGRAM

**Find the Sessions You Want to Attend**

- Each session is numbered. Look at the example below to help you find the sessions you want to attend.
- The room location is listed. Refer to the hotel maps on pages 113 – 116 in the back of your program.
- The objective is listed. See pages 3 – 5 for a complete list of objectives and their sub-objectives.
- Session types are described on page 2. See the Session Type codes under each session title to determine if the session is right for you.
- Information about the session type and presenting school is provided in each session description. Please see the Program Key below for a guide to the various symbols and abbreviations.

## PROGRAM KEY

**Session Type:**

**BP** Best Practices

**DD** Deep-Dive

**SC** Scaling

### EXAMPLE

Session Number and Title — **29. Using Professional Learning Communities to Cultivate Teacher Leadership**

Room: 210
Objective: 8A

Session Type: BP
Table: 1 — Shared Sessions Only

Learn how one technical center established a framework to promote teacher leadership through professional learning communities (PLCs). In the PLCs, teachers learned new techniques to be used in the classroom and then shared-out successes in monthly faculty meetings. Through this process, this center has uncovered a corps of experts from the teaching staff. — Session Description

Speaker(s) — **Presenter(s):** Ben Mordan, Assistant Director, Franklin County Career and Technology Center, Chambersburg, PA; and Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA

## PERSONAL SCHEDULE

### Wednesday, July 13, 2016

| TIME | EVENT | LOCATION |
|---|---|---|
| 8 a.m. | Conference Registration | Dockside Lobby |
| 8:30 a.m. | High Schools That Work Board Meeting (By invitation only) | 112 |
| 10 a.m. | Exhibit Area Opens | Exhibit Hall 2D |
| 1:30 p.m. | High Schools That Work Orientation Meeting | 109 |
| 1:30 p.m. | Making Middle Grades Work Orientation Meeting | L15 |
| 1:30 p.m. | Technology Centers That Work Orientation Meeting | Exhibit Hall 1AB |
| 3 p.m. | Opening General Session and Awards | Exhibit Hall 2C |
| 4:30 p.m. | State Meetings | Various Locations (see page 12) |

### Thursday, July 14, 2016

| TIME | EVENT | LOCATION |
|---|---|---|
| 7 a.m. | Continental Breakfast | Exhibit Hall 2D |
| 7 a.m. | Exhibit Area Opens | Exhibit Hall 2D |
| 7:30 a.m. | Technology Centers That Work Advisory Committee Meeting (By invitation only) | 203-206 |
| 8 a.m. | Concurrent Sessions | |
| 9 a.m. | Break | Various Locations |
| 9:15 a.m. | Concurrent Sessions | |
| 10:30 a.m. | Concurrent Sessions | |
| 11:45 a.m. | Lunch/Concurrent Sessions | Exhibit Hall 2D |
| 1 p.m. | Lunch/Concurrent Sessions | Exhibit Hall 2D |
| 2:15 p.m. | Concurrent Sessions | |
| 3:15 p.m. | Break | Various Locations |
| 3:30 p.m. | Concurrent Sessions | |
| 4:30 p.m. | Optional Team Meetings | |

## PERSONAL SCHEDULE

### Friday, July 15, 2016

| TIME | EVENT | LOCATION |
|---|---|---|
| 7 a.m. | Continental Breakfast | Exhibit Hall 2D |
| 7 a.m. | Exhibit Area Opens | Exhibit Hall 2D |
| 8 a.m. | Concurrent Sessions | |
| 9 a.m. | Break | Various Locations |
| 9:15 a.m. | Concurrent Sessions | |
| 10:30 a.m. | Concurrent Sessions | |
| 11:45 a.m. | Lunch/Concurrent Sessions | Exhibit Hall 2D |
| 1 p.m. | Lunch/Concurrent Sessions | Exhibit Hall 2D |
| 2:15 p.m. | Concurrent Sessions | |
| 3:15 p.m. | Break | Various Locations |
| 3:30 p.m. | Concurrent Sessions | |
| 4:30 p.m. | Optional Team Meetings | |

### Saturday, July 16, 2016

| TIME | EVENT | LOCATION |
|---|---|---|
| 7 a.m. | Continental Breakfast | Various Locations |
| 8 a.m. | Concurrent Sessions | |
| 9:15 a.m. | Concurrent Sessions | |
| 10:15 a.m. | Break | Various Locations |
| 10:30 a.m. | Closing General Session | Exhibit Hall 2C |
| Noon | Conference Adjourns | |

# MEETINGS, ORIENTATIONS AND WORKSHOPS

## MONDAY, JULY 11, 2016

**HSTW Pre-Conference Workshops** **1 – 5 p.m.**

*The Challenge for School Leaders: Supporting Teachers to Transform Instruction*
Room: 102
**Presenter(s):** Steve Broome, Director, State Development for High School and Middle Grades; and Judy Frank, School Improvement Consultant, SREB, Atlanta, GA

*Improving Student Achievement Through Teacher Teams*
Room: 103
**Presenter(s):** Betty Fry, Leadership Consultant, Gainesville, FL; and Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA

*Design Project-Based Assignments That Blend Academic and Technical Studies*
Room: 106
**Presenter(s):** Sandy Culotta, Manager, Project-Based Learning and Marty Sugerik, Math Consultant, SREB, Atlanta, GA

## TUESDAY, JULY 12, 2016

**HSTW Pre-Conference Workshops** **8 a.m. – 5 p.m.**

*The Challenge for School Leaders: Supporting Teachers to Transform Instruction*
Room: 102
**Presenter(s):** Steve Broome, Director, State Development for High School and Middle Grades; and Judy Frank, School Improvement Consultant, SREB, Atlanta, GA

*Improving Student Achievement Through Teacher Teams*
Room: 103
**Presenter(s):** Betty Fry, Leadership Consultant, Gainesville, FL; and Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA

*Design Project-Based Assignments That Blend Academic and Technical Studies*
Room: 106
**Presenter(s):** Sandy Culotta, Manager, Project-Based Learning and Marty Sugerik, Math Consultant, SREB, Atlanta, GA

## WEDNESDAY, JULY 13, 2016

**HSTW Board Meeting** **8:30 a.m. – Noon**
Room: 112
*By invitation only*

**HSTW Pre-Conference Workshops** **8 a.m. – Noon**

*The Challenge for School Leaders: Supporting Teachers to Transform Instruction*
Room: 102
**Presenter(s):** Steve Broome, Director, State Development for High School and Middle Grades; and Judy Frank, School Improvement Consultant, SREB, Atlanta, GA

*Improving Student Achievement Through Teacher Teams*
Room: 103
**Presenter(s):** Betty Fry, Leadership Consultant, Gainesville, FL; and Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA

## WEDNESDAY, JULY 13, 2016 (CONTINUED)

*Design Project-Based Assignments That Blend Academic and Technical Studies*
Room: 106
**Presenter(s):** Sandy Culotta, Manager, Project-Based Learning and Marty Sugerik, Math Consultant, SREB, Atlanta, GA

**Orientation Meetings** **1:30 – 2:30 p.m.**

These sessions will outline each of the HSTW, MMGW and TCTW Key Practices and new Design Principles for whole-school reform. Learn how schools can use these frameworks to customize a continuous improvement effort. Presenters will also provide session recommendations to help attendees begin their school improvement efforts.

**Orientation to HSTW**
Room: 109

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

**Orientation to MMGW**
Room: L15

**Presenter(s):** Judy Frank, Director, MMGW, SREB, Atlanta, GA

**Orientation to TCTW**
Room: Exhibit Hall 1AB

**Presenter(s):** Lynda Jackson, Director, TCTW, SREB, Atlanta, GA

## THURSDAY, JULY 14, 2016

**TCTW Advisory Committee Meeting** **7:30 – 9 a.m.**
Location: 203-206

**Advanced Career School Teams Workshop** **8 a.m. – Noon**
*Pre-registered attendees only*

Participants of this session will receive information about creating small learning communities by which to implement the Advanced Career (AC) curricula. The elements of effective career academies will be presented. Strategies to deliver Motivation Based Education will be shared. By the end of the two-day session the participants will have developed an action plan for implementing AC in an academy format.

**Presenter(s):** Francis O'Hara, Director of Innovation Education of Kenton County Schools; Julie Whitis, Principal of Kenton County Academies of Innovation and Technology; Casey Wolfe, English Teacher in Green Engineering Academy; Melissa Insko, Future Educator Academy Teacher; Chris Bryson, Mathematics Teacher, Engineering Academies

## FRIDAY, JULY 15, 2016

**Advanced Career School Teams Workshop** **8 a.m. – Noon**
*Pre-registered attendees only*

Gene Bottoms

## OPENING GENENRAL SESSION — EXHIBIT HALL 2C

**Changes We Must Make to Prepare More Students for a Middle-Class Lifestyle**

**Welcome:** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

**Presider:** Laura Arnold, Associate Commissioner, Kentucky Department of Education, Frankfort, KY

**Flag Ceremony:** JROTC, Butler Traditional High School, Louisville, KY

**National Anthem:** Carrithers Midddle School, Jefferson, KY

**Introduction and Awards Presentation:** Dave Spence, President, SREB, Atlanta, GA

**Presenter:** Gene Bottoms

## STATE MEETINGS

| STATE | PRESIDER | LOCATION |
|---|---|---|
| Alabama | Cena Davis | L15 |
| Arkansas | Tim Johnson | 219 |
| Delaware | Sandy Culotta | 113 |
| District of Columbia | Tony Johnson | 115 |
| Florida | Steve Broome | 106 |
| Georgia | John Pritchett | 209 |
| Illinois | Lois Barnes | 116 |
| Kansas | Jon Schmidt-Davis | 107 |
| Kentucky | Linda Flyod | Conference Theater |
| Louisiana | Bill O' Neal | 202 |
| Mississippi | Lauri Johnson | 208 |
| Missouri | Janice Rehak | 210 |
| New Jersey | Kenneth Mason | 201 |
| New Mexico | Ivy Alford and Clara Clark | 218 |
| New York | Dave Leavitt | 203-206 |
| North Carolina | Dan Mollette | 211 |
| Ohio | Dan Stacy | Cascade Ballrroom C |
| Oklahoma | Twila Green | 112 |
| Pennsylvania | Lynda Jackson | 212-213 |
| South Carolina | David Long | Cascade Ballrroom AB |
| Tennessee | Connie Lester | 214-215 |
| Texas | Gary Wrinkle | 207 |
| Virginia | Judy Sams | 216-217 |
| West Virginia | Kathy D'Antoni | Exhibit Hall 1AB |
| Non-HSTW States | Alan Veach | L14 |

## FEATURED SPEAKER — 120-MINUTE SESSIONS

Jennifer Lovet

### 1. Rethinking How Statistics Is Taught in Mathematics Classrooms

Room: L11 Session Type: DD
Objective: 3B

This session will consider how to develop students' statistical reasoning by teaching statistics through data investigations. We will dive deep into the statistical habits of mind that students need to develop to be successful in college and the workplace. Bring a laptop or tablet to actively participate!

**Presenter(s):** Jennifer Lovett, Assistant Professor of Mathematics Education, Middle Tennessee State University, Murfreesboro, TN

Gary Ritter

### 2. The Promise of a College Scholarship: Transforming a District

Room: 103 Session Type: DD
Objective: 8C

The "El Dorado Promise" is a scholarship program providing over $7,800 annually toward college tuition for graduates in El Dorado, Arkansas, who attended El Dorado district schools since at least ninth grade. In this session, we analyze the changes in academic performance in middle grades math and literacy and the positive achievement experienced by black and low-income students.

**Presenter(s):** Gary Ritter, Professor, University of Arkansas, Fayetteville, AR

## 120-MINUTE SESSIONS

### 3. Career-Themed High Schools: It's What's for High Schools

Room: 207 Session Type: DD
Objective: 1A

Unfortunately, "one size fits all" instruction seems to be the rule rather than the exception. This session will examine the compelling need to redesign the high school experience as well as the advantages of implementing broad career themes that support and prepare all students for academic success, postsecondary aspirations and high-demand workforce needs.

**Presenter(s):** Chuck Boyd, School Improvement Consultant, SREB, Atlanta, GA

### 4. MDC 101: What Is the Mathematics Design Collaborative?

Room: L7 Session Type: DD
Objective: 3B

Are you new to the Mathematics Design Collaborative or curious what MDC is all about? Come learn about the guiding principles of MDC and how these research-based tools and strategies deepen students' mathematical reasoning skills and engage them in a productive struggle.

**Presenter(s):** Paige Graiser, Independent Math Consultant, Brunswick, GA; and Amanda Merritt, Math Consultant, SREB, Atlanta, GA

## 120-MINUTE SESSIONS

### 5. Authentic Opportunities: Reading and Writing Beyond the ELA Classroom

Room: L4 Session Type: DD
Objective: 4A

Knowing the next generation of assessments is placing greater demand on writing from today's students, it is imperative that students have authentic writing opportunities. Interdisciplinary examples for seven natural opportunities for students to engage in meaningful and relevant writing will be experienced by participants in this engaging session.

**Presenter(s):** Tammy Jones, Consultant, TLJ Consulting Group, LLC, Lebanon, TN; and Leslie Texas, Consultant, Leslie Texas Consulting, LLC, Louisville, KY

### 6. The Highly Effective Teacher: Seven Classroom-Tested Practices

Room: 112 Session Type: DD
Objective: 8A

What can teachers do to better help students develop deep understanding of content and attain higher-order thinking skills while becoming confident, capable learners? Seven research-based, classroom-tested practices that foster student success will be shared with numerous examples provided for each practice.

**Presenter(s):** Jeff Marshall, Associate Professor, Clemson University, Clemson, SC

## FEATURED SPEAKER — 60-MINUTE SESSIONS

Thomas Glanton

### 7. Tough Kids? Proven Strategies That Turn Around Disruptive Behavior

Room: Cascade Ballroom B Session Type: BP
Objective: 3D

Create an effective schoolwide plan that motivates the defiant, non-compliant student. Stop teacher/student negative confrontations, office referrals and suspensions. Participants will become skilled at knowing what to do with the bully to minimize overt behavior. Teacher empowerment and a more positive, safe environment are direct results.

**Presenter(s):** Thomas Glanton, President, The Education Company, Decatur, GA

Ken Hansen

### 8. Marrying Personalized Projects to Academic Rigor

Room: 109 Session Type: BP
Objective: 5D

The creator of the senior project believed wedding students' personal passions to academic rigor would produce impressive achievements surpassing expectations of the school, the community and even the students themselves. The presenter will continue the functional addiction of sharing senior project stories of unexpected, and often amazing, student success.

**Presenter(s):** Ken Hansen, Field Supervisor for Teacher Candidates, Western Oregon University, Keizer, OR

## FEATURED SPEAKER

William Kist

### 9. 10 Proven Ways to Engage High School Students With Blended Learning

Room: 106 Session Type: BP
Objective: 6B

This session will provide 10 proven ways to plan blended learning that make a difference in advancing college- and career-readiness standards around literacy and mathematics. The presenter will introduce engaging, rigorous and relevant strategies -- no more sleepy discussion boards and blogs! A template for planning blended lessons will be included.

**Presenter(s):** William Kist, Professor, Kent State University, Akron, OH

Baruti Kafele

### 10. Closing the Attitude Gap: Fire Up Your Students to Strive for Success

Room: Cascade Ballroom A Session Type: BP
Objective: 7D

Throughout this "no excuses" session, the presenter will provide educators with strategies within a framework for closing the attitude gap and eliminating underachievement in classrooms and schools. He will simultaneously challenge educators to look honestly within themselves and reflect on their attitudes toward their students, their relationships with their students, their compassion for their students and their overall relevance in instruction.

**Presenter(s):** Baruti Kafele, Consultant, Principal Kafele Consulting, LLC, Jersey City, NJ

## 60-MINUTE SESSIONS

### 11. Advanced Career Pathway Implementation: Indicators of Success

Room: 208 Session Type: BP
Objective: 1D

Advanced Career (AC) is a series of career pathway programs of study leading to meaningful careers and college degrees. At the conclusion of each AC course, students and teachers complete an online survey focusing on AC instructional strategies and activities, school support, out-of-school learning and course impact. Indicators impacting AC fidelity of implementation will be shared.

**Presenter(s):** Paula Egelson, Director, Research and Christopher Fuga, Research Assistant, SREB, Atlanta, GA

### 12. Coding: Programming Kids for Success

Room: 107 Session Type: BP
Objective: 1E

The presenters will detail how they determined traditional elementary computer classes were not sufficient. See how this school implemented a coding resource class that has improved student sequencing, problem solving, problem decomposition and reasoning skills, resulting in improved mathematics and language arts scores. Students build games, apps and solve problems at their own pace.

**Presenter(s):** AJ Hammond and Shawn O'Connor, Principals, Hoke County Schools, Raeford, NC

## 60-MINUTE SESSIONS

### 13. Elementary School STEM: PBL and High School Student Mentors

Room: L10 Session Type: BP
Objective: 2A

Learn how career and technical education high school students instructed elementary students as part of a STEM-based project. Topics included were aquaponics, organic gardening, weather, composting, and entrepreneurship and partnership with a local farmers' market.

**Presenter(s):** Karl Flem, Science Teacher, Warren County Career Center, Lebanon, OH

### 14. Getting On TRACK for Success

Room: Exhibit Hall 1AB Session Type: SC
Objective: 2B

This session will overview development and implementation of Kentucky's skilled trades TRACK youth apprenticeship industry certification. This process was coordinated by working directly with industry partners to identify industry standards students need for success in their careers, and give students an edge in the job market.

**Presenter(s):** Sherri Craig, Systems Consultant IT; Pamela Moore, Academic Program Manager; and Mary Taylor, Industry Training and Development Specialist, Office of CTE, KDE, Frankfort, KY

### 15. Help Your Students "Right Size" Their Postsecondary Experience

Room: Conference Theater Session Type: BP
Objective: 2D

By 2020, 65 percent of jobs will require some postsecondary training or credentials. About half of these jobs will require a technical college or an associate degree. Technical colleges provide a cost-effective, efficient path to a career or a stepping stone to a degree. This energetic panel explores how high schools, technical colleges and corporations can collaborate to help students explore technical colleges as an equally viable postsecondary option.

**Presenter(s):** Matt Arthur, Deputy Commissioner, Technical College System of Georgia, Atlanta, GA; Gene Bottoms, Senior Vice President, SREB, Atlanta, GA; Cliff Cole, Superintendent, Paulding County Schools, Dallas, GA; Bill Crane, Journalist, CSI Crane, Atlanta, GA; Philip Hardin, CEO, YouScience, Nashville, TN; and Randall Redding, President and CEO, R.K. Redding Construction, Bremen, GA

### 16. Focused Change: Making Sense of the Full Plate

Room: 219 Session Type: BP
Objective: 2D

Change is inevitable, uncomfortable and the only constant in a rapidly changing world. See how one district leader ensures teachers understand the multiple changes flowing through the education world and how they work in concert to effect positive student performance.

**Presenter(s):** Ryan Neal, Assistant Superintendent, Camdenton Schools, Camdenton, MO; and Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 17. LDC: Transforming Middle Grades Instruction

Room: L3 Session Type: BP
Objective: 3A

Science, social studies and ELA middle grades teachers will describe how their classroom environment and instruction has been transformed through the implementation of Literacy Design Collaborative modules. The teachers offer a look into the excitement and depth of learning that has taken place in their teaching and their students' acquisition of content literacy.

**Presenter(s):** Debra Cullen, Independent Literacy Consultant, Clarksburg, WV; and Tanya East, Social Studies Teacher; Josh Ellison, Science Teacher; and Amy Heldreth, ELA Teacher, Bluefield Middle School, Bluefield, WV

### 18. Disciplinary Writing in the Elementary Grades

Room: L8 Session Type: BP
Objective: 3A

Selecting a writing product often has to do with knowing which types of products are central to which disciplines. Join SREB's elementary LDC trainer, Jill Potts, to learn how to design assignments that can be used to teach students the writing moves common to the disciplines of ELA, science and social studies.

**Presenter(s):** Jill Potts, School Improvement Consultant, SREB, Atlanta, GA

### 19. The Power of Formative Assessments

Room: L5 Session Type: BP
Objective: 3A

Explore 60 formative assessments to guide adjusting instruction according to student feedback. The presenter will dive deep into several mini-tasks to reflect how to add a formative assessment to evaluate mastery of the skill. The workshop focuses on concrete formative assessments to create the transitions in the scaffold of a Literacy Design Collaborative module.

**Presenter(s):** Donn Kirkwood, Literacy Consultant, SREB, Atlanta, GA

### 20. What Do They Know? How Do YOU Know? FORMATIVE ASSESSMENT

Room: L9 Session Type: BP
Objective: 3B

This session will address a variety of tools and formative assessment strategies for use in helping assess students' levels of understanding and monitoring their progress. Tools range from using technology to math scavenger hunts to charts and white boards. Be prepared to stay updated on your students' progress.

**Presenter(s):** Marcelle Powell, Teacher, Hobbton Middle School, Clinton, NC; and Cathey Ritter, Independent Math Consultant, Vestavia Hills, AL

### 21. Free 3-D Design Software Adds New Dimension to Mathematics

Room: 201 Session Type: BP
Objective: 3C

Learn how a 3-D design software can power the teaching of mathematics to a new dimension. This session will provide examples of how to apply the software to achieve student success. Also, Siemens will be available to explain how schools can receive Solid Edge for all teachers and students at no cost.

**Presenter(s):** Dick Blais, Advanced Career Senior Advisor, Schaghticoke, NY; and Matt Bruce, Director, Solid Edge Academic Program (Americas), Siemens PLM, Austin, TX

## 60-MINUTE SESSIONS

### 22. Creating Organized Chaos in the Classroom!

Room: Cascade Ballroom C Session Type: BP
Objective: 3C

Standardized testing is over... and there's still a month of school. Aggghhhh! What do you do now? Discover cool class projects and activities that will engage your students until the last day of school. Learn how to incorporate hands-on and technology-rich activities across the curriculum.

**Presenter(s):** Cary Nadzak, Teacher, Charleston County Schools, North Charleston, SC

### 23. Students Struggling With High School Math? Try This New Math Course!

Room: L2 Session Type: BP
Objective: 3D

How we prepare eighth-grade students to meet the challenges of entering high school is crucial. Ninth grade is the most critical year for students who hope to graduate in four years. Patterned after the Math Ready course for high school seniors, this middle grades course employs successful strategies based on the Mathematics Design Collaborative.

**Presenter(s):** Kenna Barger, Director of Product and Material Management and John Squires, Director, High Schools to College Readiness Program, SREB, Atlanta, GA

### 24. Activities for Algebra II for Improving Algebraic Thinking

Room: L1 Session Type: BP
Objective: 4A

Participants will experience activities that reinforce algebraic concepts such as functions, determining the equation of a parabola, and comparing theoretical and experimental probability. Attendees will achieve this understanding through the depreciation formula for cars; measuring the arc of an umbrella; and by playing rock, paper, scissors.

**Presenter(s):** Claudia Maness, President, CORD Communications, Waco, TX

### 25. Mini-Tasks: One Standard and Students Personalized

Room: 102 Session Type: BP
Objective: 5B

Learn about Universal Design for Learning and how to develop mini-tasks to incorporate concepts and track the mastery of any student. Participants will learn how to use student choice, vary question levels and vary instructional strategies to help all students learn the standards and still maintain the demands of IEPs and 504s while meeting the needs of gifted and talented students.

**Presenter(s):** Pam Purcell, Independent Literacy Consultant, Middleburg Heights, OH

### 26. Camp Wildcat: A One-Day Fall Freshman Orientation Program

Room: 116 Session Type: BP
Objective: 5C

Freshmen at this high school begin the year on the Friday prior to the start of school with Camp Wildcat. Students learn their freshmen academic teams, meet their teachers, receive their schedules, find their lockers, purchase their locks and enjoy a pizza lunch. Upperclassmen answer student questions during panels and serve as camp counselors in team-building, problem-solving and trust-building activities.

**Presenter(s):** Davis Baker, Principal, William Henry Harrison High Schools, Harrison, OH

## 60-MINUTE SESSIONS

### 27. Lesson Study Tuning Protocol: Raising the Level of Rigor

Room: 214-215 Session Type: BP
Objective: 6B

Students should be engaged in activities that promote critical thinking beyond the basic skills level. Learn how teachers, within professional learning communities (content or interdisciplinary), conduct lesson study protocols to analyze the level of rigor and student engagement in assignments, activities and observed lessons. Documents and protocols from HSTW schools will be shared.

**Presenter(s):** Alan Veach, School Improvement Consultant, SREB, Atlanta, GA

### 28. Creating Career Enrichment: Thinking Outside the Box

Room: 113 Session Type: BP
Objective: 6C

Learn how the presenters identified and overcame pitfalls in creating successful career enrichment for high school students in an urban district. We'll cover the process of developing a program from the ground up, including obtaining partner buy-in, ensuring student readiness and creating a sustainable relationship for workforce development.

**Presenter(s):** Carmen Gaines, Career Enrichment Coordinator and Sarah Woodward, Career Tech Department Chair, Woodward Career Tech High School, Cincinnati, OH

### 29. Breakthrough to Excellent: Using MMGW to Organize for Success

Room: 216-217 Session Type: BP
Objective: 7B

Trace one middle grade school's journey from a Technical Assistance Visit (TAV) to school reform using the MMGW design. See how we turned TAV and survey data into a successful student block schedule, including scheduled rotation opportunities for advisory, faculty, steering and focus team meetings, as well as an introduction into STEM studies.

**Presenter(s):** Andria Brimhall, Title 1 Specialist; Holly Cottrell, Steering Committee Co-Chair; Melissa Richardson, Guidance Counselor; and Susan Richardson, Advisory Focus Group Chair, St. Marys Middle School, St. Marys, GA; and George Johnson, School Improvement Consultant, SREB, Atlanta, GA

### 30. Using Professional Learning Communities to Cultivate Teacher Leadership

Room: 210 Session Type: BP
Objective: 8A

Learn how one technical center established a framework to promote teacher leadership through professional learning communities (PLCs). In the PLCs, teachers learn new techniques to use in classrooms and share successes in monthly faculty meetings. Through this process, this center has uncovered a corps of experts from the teaching staff.

**Presenter(s):** Ben Mordan, Assistant Director, Franklin County Career and Technology Center, Chambersburg, PA; and Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA

### 31. Beyond the Buzzwords: Teaching Strategies That Really Work

Room: 212-213 Session Type: SC
Objective: 8A

Participants in this interactive session will learn the importance of research-based teaching strategies, see the research on how the strategies enhance student achievement and learn specific strategies by category. Categories include identifying similarities and differences, summarizing and note taking, reinforcing effort and providing recognition, cooperative learning, and more!

**Presenter(s):** Gina Smith, Independent Consultant, Harrisonville, MO

## 60-MINUTE SESSIONS

### 32. How to Create an HSTW Committee Engaging All Stakeholders

Room: 211 Session Type: BP
Objective: 8C

Looking for ways to engage all departments and stakeholders in your school? Presenters will discuss how the structure of one school's HSTW committee changed to increase participation and engagement while modeling best practices. In addition, the presenters will demonstrate tools used to analyze data and determine goals to better meet the needs of all students and teachers.

**Presenter(s):** Dan Dick and Lauren Stewart, Science Teachers, Sylvania Northview High School, Sylvania, OH

### 33. From Mountains to Mounds: One Day at a Time

Room: L6 Session Type: BP
Objective: 8D

This session will give instructional leaders, teacher-leaders and classroom teachers effective tools for surviving the first three years in education, especially when it comes to building professional development time into the master schedule. Principals will walk away with a renewed spirit to continue and sustain school improvement.

**Presenter(s):** Lashawnte Jackson, Principal, Chestnut Oaks Middle, Sumter, SC; and Jean Lee, Literacy Consultant, SREB, Atlanta, GA

### 34. Using 2016 HSTW Student and Teacher Survey Data

Room: 218 Session Type: BP
Objective: 8E

Bring your 2016 HSTW Student and Teacher Survey data to this session to take a deeper look at effective campus and classroom practices from the lens of the HSTW Redesign Principles. This session will highlight key indicators for each of the six design principles so that your leadership team can identify areas of strength and next steps that will support student success.

**Presenter(s):** Ivy Alford, Director, State Services for School Improvement and Steve Broome, Director, State Development for High School and Middle Grades, SREB, Atlanta, GA

### 35. Using Test Data to Increase College and Career Access: Three Critical Strategies

Room: 115 Session Type: BP
Objective: 8E

Most programs test students and collect data, but the first key to increasing scores on the SAT®, PSAT/NMSQT®, WorkKeys and ACT® is connecting that data to instructional strategies using supplemental curricula. Attendees will be guided through an interactive simulation where they will experience and discuss ways to apply three critical strategies.

**Presenter(s):** Ray Broderick, Former Principal, Elk Grove High School, Danville, IL

### 36. Achievement Through Accountability: Improving Meaningful Engagement

Room: 202 Session Type: SC
Objective: 8E

The goal is to improve teacher performance and raise student achievement using assessment data. Learn how to engage in the analysis of data to guide professional development, improve instructional practices and increase teacher effectiveness. Learn about the type of engagement that propels teaching and learning.

**Presenter(s):** William O'Neal, School Improvement Consultant, SREB, Atlanta, GA; and Rise Pope, Principal, John Early Museum Magnet Middle, Nashville, TN

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 37. Business Stand-Outs and CEOs: A Model for Business Excellence

Room: L15 Session Type: MS
Objective: 1B Table: 1

Hear how High School of Business and MBA High School Accreditation are raising the bar in classrooms nationwide through rigorous course work, engaging real-world pedagogy and college credit options.

**Presenter(s):** Lisa Berkey, Program Director, High School of Business, MBA Research and Curriculum Center, Columbus, OH

### 38. Career Day 2.0

Room: L15 Session Type: MS
Objective: 1C Table: 2

Spend some time in Career Café -- a modified take on a traditional career fair. In conjunction with the guidance department, students to attend a presentation conducted by a practitioner in a career field of their choice.

**Presenter(s):** Canisha Fletcher and Robert Harris, Teachers; and Robin Coletrain, Assistant Principal, Richland County School District One, Columbia, SC

### 39. Translation Academy "iTranslate"

Room: L15 Session Type: MS
Objective: 1C Table: 3

Learn how this academy connects the community through translation and interpretation services. More than 80 percent of students are Hispanic, and most are bilingual.

**Presenter(s):** Paige Watts, Teacher, Morris Innovative High School, Dalton, GA

### 40. Certifications and Dual Credit: The New High School Résumé

Room: L15 Session Type: MS
Objective: 1E Table: 4

See how we focus on the skill sets and instant résumés that allow our students to go to work immediately upon graduation or earn their associate or bachelor's in their desired career path.

**Presenter(s):** Eric Paul, CTE Director, Galveston ISD, Galveston, TX

### 41. Ensuring Black Male Success: Literacy Development and Mentoring

Room: L15 Session Type: MS
Objective: 3D Table: 5

This session will provide easy-to-implement, system-wide, K-12 strategies to help navigate black males from early literacy development through college entrance. These strategies can also be applied as interventions to all populations.

**Presenter(s):** Raashad Fitzpatrick, Principal; Daniel Foster, Graduation Coach; and Phillip McHam, Mentor Teacher, Gaffney High School, Gaffney, SC; and Crystal Irby, Education Coordinator, Urban League of the Upstate, Spartanburg, SC

### 42. Divergent Thinking Supported by Problem Solving

Room: L15 Session Type: MS
Objective: 4A Table: 6

For students to be successful in college and careers, they must become proficient problem solvers. Problem-solving formative assessment lessons provide teachers ready-to-use resources to encourage and develop students' "out of the box" thinking.

**Presenter(s):** Debra Robertson, Independent Math Consultant, DL Robertson Consulting, LLC, Pensacola, FL

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 43. Field Study to Connect Curriculum to Career Pathways

Room: L15 Session Type: MS
Objective: 4B Table: 7

See how sixth-graders connected concepts learned in science to career pathways by doing a field study of a NASCAR racing team. They were able to connect their unit study of simple machines to real-life, complex machines.

**Presenter(s):** Joyce Cooper, Teacher, Rock Hill School District #3, Rock Hill, SC

### 44. Personalized Education Plans: Success for All Students

Room: L15 Session Type: MS
Objective: 4D Table: 8

All West Virginia middle grades and high schools engage staff in a systemic guidance and advisement approach to ensure all students develop personalized education plans (PEPs).

**Presenter(s):** Barbara Brady, School Counseling Coordinator, West Virginia Department of Education, Charleston, WV; and Cathy Grewe, Coordinator of Assessments and Student Services, Wood County Schools, Parkersburg, WV

### 45. Using an Eighth-Grade Dinner to Bridge Middle Grades and High School

Room: L15 Session Type: MS
Objective: 4E Table: 9

Our schools invite all eighth-graders and their parents to a dinner where multiple presenters provide information for high school and beyond. Class scheduling is also started for their freshmen year.

**Presenter(s):** Kevin Shupe, Assistant Principal, Mineral County Schools, Cumberland, MD; and Rebecca Williams, Teacher, Frankfort Middle School, Keyser, WV

### 46. Digital Portfolios: Uniting for College and Career Readiness

Room: L15 Session Type: MS
Objective: 5A Table: 10

This session will focus on a senior capstone project: A digital, web-based portfolio developed and used at a shared-time center. Rationale, set-up and examples of the project will be shared.

**Presenter(s):** Nichole Tews, Teacher, Cass Career Center, Harrisonville, MO

### 47. Improving Student Independence: Classroom Accountability Strategies

Room: L15 Session Type: MS
Objective: 5A Table: 11

Teachers and instructional coaches from an urban high school will present strategies to improve student independence through classroom accountability measures.

**Presenter(s):** Peggy Busker-Postlhwait, Science Teacher, Buchtel CLC; Jordan Edwards; Kristen Ellis, Site Coordinator; and Eric Homa, English Teacher, East CLC, Akron, OH

### 48. The Video Game Generation: Understanding the Minds of Generation G

Room: L15 Session Type: MS
Objective: 5B Table: 12

Using gamification, digital assets, videos, awards, badges, abundant assessments and leveling up, we can transform the classroom into the gaming arena. Session presenter is a serious gamer and educator!

**Presenter(s):** Nai Wang, Founder & President, KP Education Systems, Phoenix, AZ

**TWO MINI-SHARING SESSIONS** **25-MINUTES EACH**

**49. Student Voice Institute: A Vehicle for Empowering Students**

Room: L15 Session Type: MS
Objective: 5C Table: 13

Learn about the Arkansas Leadership Academy's Student Voice Institute and the benefits to student and adult learners resulting from the collaborative relationship. Learn how to implement this process at the school or district level.

**Presenter(s):** Blaine Alexander, School Support Leader and Jennifer Medeiros, Research Specialist, Arkansas Leadership Academy, Fayetteville, AR

**TWO MINI-SHARING SESSIONS** **25-MINUTES EACH**

**50. Reducing Ninth-Grade Retention: The Freshman Academy Approach**

Room: L15 Session Type: MS
Objective: 7D Table: 14

Administrators and teachers from a freshman academy will share the myriad of interventions leading to a 98 percent promotion rate for last year's freshman class.

**Presenter(s):** Sarah Hitchings, Assistant Principal, Waggener High School, Louisville, KY

## FEATURED SPEAKER — 120-MINUTE SESSION

Mesmin Destin

### 51. Research on Motivating Students With Thoughts About the Future

Room: 106 Session Type: DD
Objective: 4D

In this session, we will review social psychological research regarding academic motivation, with particular implications for educators who work with students in low socioeconomic schools and neighborhoods. Studies illustrate key strategies to engage with students (grades six through 12) in ways that can shift their perception of educational opportunities and future outlook.

**Presenter(s):** Mesmin Destin, Assistant Professor, Northwestern University, Evanston, IL; and Michael Kosko, Science Teacher, Raby High School, Chicago, IL

Rachel Roegman

### 52. Equitably Increasing AP Access and Success: Lessons Learned

Room: 109 Session Type: DD
Objective: 8A

Explore how four diverse school districts have increased access to AP courses, ensuring all students have access to challenging curricula. We will analyze the impact on student participation and performance, disaggregated by racial/ethnic groups, and consider how AP can leverage equity. Structure, policy, culture, instruction, as well as possible resistance, will be considered.

**Presenter(s):** Marcia Lyles, Superintendent of Schools, Jersey City Public Schools, Jersey City, NJ; Rachel Roegman, Assistant Professor, Purdue University, West Lafayette, IN; and Charles Sampson, Superintendent of Schools, Freehold Regional High School District, Englishtown, NJ

## 120-MINUTE SESSIONS

### 53. Factors That Affect Second Language Acquisition

Room: 102 Session Type: DD
Objective: 3D

To effectively address the needs of second language students, teachers must understand the many factors that affect second language acquisition. In this session, teachers will understand various factors that impact a student's ability to acquire the academic language when they are not native English speakers. Explore strategies to meet the needs of this diverse student population.

**Presenter(s):** Pamela Broome, Literacy Consultant, SREB, Atlanta, GA

### 54. The Five Keys for Successful Academies

Room: 113 Session Type: DD
Objective: 8B

All successful and sustainable career academies from 1969 to 2016 have specific key practices built into their operations that cause them to thrive and outlive the careers of their creators. An extensive 12-year research study of academies has uncovered these five keys; we'll use them to measure existing academies or the designs for new ones.

**Presenter(s):** Mark Thompson, Executive Director, National Educator Program (NEP), Denver, CO

## FEATURED SPEAKERS — 60-MINUTE SESSIONS

Carol Rychly

Joanne Sexton

### 56. Building an Alliance for Cybersecurity Education

Room: 209 Session Type: SC
Objective: 1E

Learn how collaboration between a university, technical college, the local chamber of commerce, two school systems and the Fort Gordon Cyber Center of Excellence created and incorporated cybersecurity education into the high school curriculum. Lessons learned, problems encountered and ongoing efforts will be shared.

**Presenter(s):** Carol Rychly, Vice President Academic and Faculty Affairs and Joanne Sexton, Director for Cyber Institute, Augusta University, Augusta, GA

David Shepard

### 55. Creating and Improving Middle Grades Teams and Ninth-Grade Academies

Room: Cascade Ballroom C Session Type: BP
Objective: 7B

Teachers working together results in all students becoming more successful; the experience always works out well. Schools across the country place teachers in teams, families or pods to better meet the needs of their students. This session will outline specific steps for establishing, implementing and evaluating middle grade teams and ninth-grade academy groups.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY

Baruti Kafele

### 57. Critical Leadership Questions for Inspiring Schoolwide Excellence

Room: Cascade Ballroom A Session Type: BP
Objective: 8D

In this highly engaging session, the presenter will challenge current and aspiring principals to look critically within themselves through reflective questions about how they inspire energy, excitement and enthusiasm for learning. He will lay out the touchstones for maintaining strong leadership habits, inspiring excellence and collaboration in others, and engaging an entire school community in striving to be the best.

**Presenter(s):** Baruti Kafele, Consultant, Principal Kafele Consulting, LLC, Jersey City, NJ

## FEATURED SPEAKERS

Bert Simmons

### 58. Administrator Strategies for Reducing Suspension

Room: Cascade Ballroom B Session Type: BP
Objective: 8D

Learn how to use an administrative system that addresses the two types of disruptive behavior – mischievous and severe. Techniques include using discipline, shelter, tardy and truancy cards. These are a critical part of the schoolwide management system for successfully reducing suspensions and expulsions, and keeping students in school, on task and learning.

**Presenter(s):** Bert Simmons, Founder, Consultant and Trainer, The Education Company, Decatur, GA

## 60-MINUTE SESSIONS

### 59. A Vision of HSTW Career Pathways/Academies: The New HSTW Design

Room: 212-213 Session Type: BP
Objective: 1A

Review a sample HSTW high school built upon the new design principles. The model uses a career pathway/academy structure that provides students with a challenging academic core linked to high-quality career and technical education programs that blur the lines between secondary, postsecondary and workplace learning opportunities. Participants will also learn how to become a model HSTW site using the new design.

**Presenter(s):** Scott Warren, Director of State Initiatives, SREB, Atlanta, GA

### 60. When Purpose Meets Practice

Room: 107 Session Type: BP
Objective: 1B

See how a rural school made the necessary changes in its curriculum and facilities to address the need of the community's industrial base. This is a close look at a career and technical education program that made the necessary renovations to its outdated health science program to offer a state-of-the-art medical facility like no other high school in America.

**Presenter(s):** Adell Baldwin, CTE Director and Shannon Register, Executive Director of Secondary Education, Hoke County Schools; and Antonio Covington, Teacher and Roger Edwards, Principal, Hoke County High School, Raeford, NC

### 61. STEM: A Pathway to Meaningful Careers

Room: 201 Session Type: BP
Objective: 1D

What is STEM and why is it such a big deal? Is STEM the new bandwagon for effectively preparing students for world of work? How will STEM drive change in our schools and society? What does this mean for education? And most importantly, how can I best prepare students for success when they leave my school?

**Presenter(s):** Dick Blais, Advanced Career Senior Advisor, Schaghticoke, NY

## 60-MINUTE SESSIONS

### 62. Collective Action Strategies for Increasing Readiness, Access and Success

Room: Exhibit Hall 1AB Session Type: BP
Objective: 2A

Three K-12 districts and a local college have created the Northwest Educational Council for Student Success (NCESS), a jointly governed organization focused on college readiness, curriculum alignment, attainment of college credits prior to graduation and common success metrics. This session will feature dual credit and college-readiness programs and the creation of 34 aligned career pathways.

**Presenter(s):** Judy Marwick, Provost, William Rainey Harper College, Palatine, IL

### 63. Gaining the Edge: Using LDC and MDC to Ensure Student Success

Room: 216-217 Session Type: BP
Objective: 3A

Presenters from one Georgia school share their process for fully implementing MDC in all math classes and LDC in all ELA, science and social studies classes. Hear how lesson planning increased, instructional practices changed and student performance improved. MDC- and LDC-trained teachers will share experiences and sample lessons to show how classrooms have been transformed. Performance results will be provided.

**Presenter(s):** Tiffany Bosworth, Cheryl Farthing and Angela Walker, Teachers; Gail Dugger, Assistant Principal; and Twinnette Pope, Co-chair, Literacy Focus Team, St. Marys Middle School, St. Marys, GA; George Johnson, School Improvement Consultant, SREB, Atlanta, GA; and Debbie Lemon, Independent Math Consultant, Cape Fear Campus Specialties, Shallotte, NC

### 64. Selecting Texts for Your Elementary LDC Module or Mini-Task

Room: L8 Session Type: BP
Objective: 3A

In this session, participants will learn how to select texts that are appropriate to the task at hand and provide relevant and adequate content and evidence for fulfilling the demands of the task. Learn to select texts that provide opportunities for students to apply and develop important disciplinary literacy skills.

**Presenter(s):** Jill Potts, School Improvement Consultant, SREB, Atlanta, GA

### 65. Closing the Comprehension Gap With a Literacy Focus

Room: L5 Session Type: BP
Objective: 3A

See how the critical focus question and teaching task drive text engagement using an annotation strategy. Students experience high success in comprehension when there is a focus created by the teaching task. The presentation scaffolds three mini-tasks in the reading process and features three crucial elements: annotation keys, evaluating sources and interpreting evidence.

**Presenter(s):** Donn Kirkwood, Literacy Consultant, SREB, Atlanta, GA

## FEATURED SPEAKER

### 66. Instructional Leadership for Advancing Math Instruction

Room: 208 Session Type: BP
Objective: 3B

The Mathematics Design Collaborative (MDC) is advancing students' engagement and content achievement. School leaders must recognize instructional shifts that take place when MDC is implemented with fidelity. School leaders will be oriented to essential classroom behaviors that can be expected when formative assessment lessons are an active part of the math teacher's instructional practice.

**Presenter(s):** Lauri Johnson, Director of School Leader Development, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 67. Why Can't These Kids Read and Write?

Room: L10 Session Type: BP
Objective: 3D

Students who struggle with reading and writing subsequently have difficulty in all subject areas. Intervention strategies are available to help students, specifically with the Literacy Design Collaborative (LDC) modules. Research shows that by teaching students skills to help themselves and each other, students have greater opportunities for success.

**Presenter(s):** Georgia Pavlic, Assistant Principal/Site Coordinator and Peggy Pyle, Teacher, Indian Creek High School, Wintersville, OH

### 68. Who's Driving Your Data? Best Practices for Data and RTI Teams

Room: L3 Session Type: BP
Objective: 3D

Schools now have a wealth of data, and it can be overwhelming to organize, share and use in the most effective ways for students. Through our K-12 RTI model we use data to provide targeted interventions for student success. Our school and system data teams will provide sample formats, virtual visits and interventions that are most effective for middle grade and secondary levels.

**Presenter(s):** Carol Martin, Director of Instruction and Intervention, Sylacauga City Schools, Sylacauga, AL

### 69. Eighth Grade: It's Never Too Early to Plan the Future

Room: Conference Theater Session Type: BP
Objective: 4B

School districts today are steering students as early as the eighth grade to make career choices. To meet this demand, YouScience has developed a program specifically for eighth-graders to better understand their strengths and interests. Attendees will see how the online profile works and some of the data YouScience has already gathered from students across Georgia.

**Presenter(s):** Philip Hardin, CEO, YouScience, Nashville, TN

### 70. Preparing Students for Education and Career Decisions

Room: 219 Session Type: BP
Objective: 4D

Join us as we investigate how to equip our students with the knowledge and skills to make wise decisions for the future. Learn the essential strategies that enable students to create and achieve a meaningful vision via a program of study while building the successful habits essential for a productive, satisfying future. Leave with action planning steps for implementing this process.

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers, SREB, Atlanta, GA; and Kevin Hoover, AC Informatics Teacher, Carroll County Area Technology Center, Carrollton, KY

## 60-MINUTE SESSIONS

### 71. Bleeding Red! Getting the Most Out of Your Freshman Academy

Room: L6 Session Type: BP
Objective: 5A

Cross-curricular, project-based learning will be explored, along with a unique freshman intervention program that targets struggling students. Additionally, the RED TEAM will share personal experiences on our first year as an academy, taking advantage of funding sources, communication tools and team building efforts. There has been increased student engagement, deeper learning and a higher percentage of students ready for college and careers.

**Presenter(s):** Sean Abrahamson, Math Teacher; Guadalupe Castillo, Science Teacher; Jed Hendee, Principal; and Kevin Marks and Joanna Singer, English Teachers, Las Cruces High School, Las Cruces, NM; and Clara Clark, School Improvement Consultant, SREB, Atlanta, GA

### 72. Cross-Curricular Aquaponics Project

Room: L9 Session Type: BP
Objective: 5A

Aquaponics is the process of growing plants and fish symbiotically. This personalized learning experience sets students up for success and can be utilized in both urban and rural high schools. Through this cross-curricular project, construction technology collaborated with various other classes to open new opportunities for students.

**Presenter(s):** Christine De La Torre, Teacher and Duane Lardon, CTE Teacher, David Crockett High School, Austin, TX

### 73. National Board for Professional Teaching Standards: Shaping the Profession

Room: L1 Session Type: BP
Objective: 5A

Learn how a career and technical education (CTE) teacher turned CTE administrator used the National Board Professional Teaching Standards and certification process to manage and monitor student learning. This increased the commitment of students to their learning, encouraged them to think systematically about their practice and learn from the experience, and motivated them be part of a community of learners.

**Presenter(s):** Betty Montgomery, Business and Marketing Program Consultant, Office of CTE, KDE, Frankfort, KY; and Chaney Mosley, Senior College and Career Readiness Specialist, American Institutes for Research, Washington, DC

### 74. Smarter School Spending: Best Practices in School Budgeting

Room: 218 Session Type: BP
Objective: 5C

How do districts budget with decreased funding still increase student achievement? GFOA (Government Finance Officers Association) has developed a series of best practices in school district budgeting that best aligns resources with student achievement goals. It is supported by Smarter School Spending, which offers a wide range of free resources for districts.

**Presenter(s):** Steve Broome, Director, State Development for High School and Middle Grades and Allyson Morgan, Math Consultant, SREB, Atlanta, GA; and Matt Bubness, Senior Manager, Research & Consulting Center, Government Finance Officers Association, Chicago, IL

## 60-MINUTE SESSIONS

### 75. Keeping It Real With Project-Based Learning

Room: 210 Session Type: BP
Objective: 6B

With project-based learning, students define project results they want to achieve and plan how to get there. Career and technical education instructors share what they learned through the DreamLearners Workshop at the 2016 TCTW Leaders Forum. Learn how to make a project rigorous, embed mathematics and technical literacy, engage students in problem-solving models, and develop real-world 21st-century skills!

**Presenter(s):** Edward Callico and Chanel Thompson, Instructors, Central Nine Career Center, Greenwood, IN

### 76. Project-Based Assignments Motivating Students to In-Depth Learning

Room: 202 Session Type: BP
Objective: 6B

This is a panel presentation of career and technical education (CTE) teachers who have participated in SREB's project-based assignment professional development. The panel will discuss how project-based learning has changed instruction, how challenging problem-solving projects increase student motivation, how business and industry partners can further enhance a project-based assignment, and the impact this is having on students' readiness for college and careers.

**Presenter(s):** Kim Brown, Environmental Conservation Forestry Teacher, Jefferson-Lewis BOCES, Glenfield, NY; Amanda Campbell, Teacher, Carroll High School Career Center, Ozark, AL; Alan Capparelle, Teacher, Information Technology, Central Pennsylvania Institute, Pleasant Gap, PA; Jamie Corder, Teacher, Dubiski Career High School, Grand Prairie, TX; Sandy Culotta, Manager, Project-Based Learning, SREB, Atlanta, GA; Amy Files, Instructor, James Rumsey Technical Institute, Martinsburg, WV; and Carri Risner, Teacher, Columbia Area Career Center, Columbia, MO

### 77. Innovative Opportunities in STEM Education

Room: 211 Session Type: BP
Objective: 7A

This STEM academy is offering innovative opportunities to students in STEM fields encompassing informatics, energy and more. These provide high school students with a credential prior to graduation. Through postsecondary partnerships, students can receive an associate degree with one year of college and gain postsecondary credit toward more advanced degrees.

**Presenter(s):** Andrea Zaph, STEM Academy Principal, Collins Career Center, Chesapeake, OH

### 78. Homework Help: Assisting Students Complete the Work

Room: L2 Session Type: BP
Objective: 7D

Experienced educators know there are two kinds of students who do not complete work: those who don't have the skills to do the assignments and those who don't have the will. Learn about one system that separated the two and helped each group grow academically.

**Presenter(s):** Kenneth Christian, Teacher, Jefferson County Public Schools, Louisville, KY; and Barbara Moore, School Improvement Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 79. Three Steps Toward Healthier Grading Practices

Room: 115 Session Type: BP
Objective: 8A

Do your grades support learning? Are they accurate, consistent and meaningful? How do you know? Lasting changes do not happen overnight. Start small by learning three baby steps all teachers can immediately take to begin the journey toward healthier assessment and grading practices.

**Presenter(s):** Sherri Nelson, Instructional Coach, Power of ICU, Lebanon, TN

### 80. What I've Learned in 40 Years as a Professional Educator

Room: 116 Session Type: BP
Objective: 8A

After investing 40 years in education, including 30 years as an administrator, the presenter recognizes the vital importance of setting teachers up for success by providing great leadership. Making certain that all teachers understand and feel supported in the evaluation process is a critical part of being a good administrator and keeping positive morale.

**Presenter(s):** Davis Baker, Principal, William Henry Harrison High Schools, Harrison, OH

### 81. Providing Effective Feedback Through Formative Assessments

Room: 214-215 Session Type: BP
Objective: 8E

Assess how effectively students are learning and make changes in instruction to ensure students' understanding. This session addresses the importance of formative assessment and presents a variety of strategies used in schools to provide valuable feedback during instruction. Participants will distinguish formative from summative assessment and discuss how grading fits into assessment.

**Presenter(s):** Alan Veach, School Improvement Consultant, SREB, Atlanta, GA

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**82. Blurring the Lines With the Business Community**

Room: L15 Session Type: MS
Objective: 2C Table: 1

Eleven school districts have developed a regional consortium for connecting business with secondary education. Students leave their home school and spend half of their instructional day in an industry setting.

**Presenter(s):** Craig Carson, Assistant Superintendent and Kevin Patterson, Superintendent, Ozark R-VI Schools, Ozark, MO; and Lindsay Haymes, Executive Director, GO CAPS, Springfield Area Chamber of Commerce, Springfield, MO

**83. Integration of Middle Grades and High School Literacy Plans Utilizing LDC**

Room: L15 Session Type: MS
Objective: 3A Table: 2

This session will be presented by LDC local trainers and lead teachers who have written both district and school literacy plans. The presenters will share challenges and successes encountered.

**Presenter(s):** Kim Kinley-Howard, ELA District Curriculum Coordinator, LDC Local Trainer, Florence School District One; Lenora Rivers-Davis, Literacy Specialist, Wilson High School; and Nathaniel Schermerhorn, Lead LDC Teacher, Department Chair, Southside Middle, Florence, SC

**84. Using MDC to Engage Students in Problem Solving Without Fear**

Room: L15 Session Type: MS
Objective: 3B Table: 3

The presenter will show how using MDC problem-solving formative assessment lessons will assist participants in engaging students and enabling them to persevere in finding paths to solutions.

**Presenter(s):** Mark Feeley, Independent Math Consultant, North Myrtle Beach, SC

**85. Google THIS! Distance Learning With Google Hangouts and Hangouts Air**

Room: L15 Session Type: MS
Objective: 3C Table: 4

Broadcast and share projects, interviews, meetings, and much more. Participants will learn how this technical center is using Google Hangouts and Hangouts On Air to connect classrooms to real-world professionals.

**Presenter(s):** Matt Dudas, Computer Networking (CNET) Instructor and Cynthia Unger, Media Specialist, Mid-East Career and Technology Centers, Zanesville, OH

**86. Changing the Odds of an At-Risk Classroom**

Room: L15 Session Type: MS
Objective: 3D Table: 5

Learn how student tutors help guide, mentor and model personalize learning; conduct basic error analysis; and even monitor behavior of students to improve classroom culture and success.

**Presenter(s):** Brad Lyall, Academic Coach, Saddleback Valley Unified School District, Eastvale, CA

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**87. ACT Assessment Scores When Impacted by ACT Preparation Courses**

Room: L15 Session Type: MS
Objective: 4B Table: 6

Discover the impact of ACT preparation courses through a study that compared students engaged in no preparation course, a school-based preparation course and a preparation course provided by a commercial vendor.

**Presenter(s):** Erin Luster, Doctoral Student, Union University, Memphis, TN

**88. Blended Learning: Empower With Ownership, Choice and Control**

Room: L15 Session Type: MS
Objective: 5A Table: 7

This session will explore the tools and mindset necessary to implement blended learning in your classroom.

**Presenter(s):** Chris Freeburg, Forensic Science Teacher, Public Service Leadership Academy at Fowler High School, Syracuse, NY

**89. Game On! Making Learning Feel Like Play Using Game Theory**

Room: L15 Session Type: MS
Objective: 5C Table: 8

Learn basic principles of game theory to help motivate and scaffold student learning in any content area. Experience adaptable activities for differentiating instruction and templates for application in your classes.

**Presenter(s):** Heather Giles, Teacher, Rock Hill High School, Rock Hill, SC

**90. High-Tech and Low-Tech Formative Assessment Strategies**

Room: L15 Session Type: MS
Objective: 5C Table: 9

This session will focus not only on using computers and other electronic devices to formatively assess students, but also on more conventional strategies that can be implemented when technology is unavailable.

**Presenter(s):** Catie Macklem and Kelley Waickman, Teachers, Kenmore High School, Akron, OH

**91. Blended Learning: Improving Student Achievement in Middle School**

Room: L15 Session Type: MS
Objective: 5D Table: 10

See how effective professional development in a large middle grades school was implemented in English language arts, science, social studies and mathematics using the task rotational model.

**Presenter(s):** Shameka Washington, Principal, Berkeley/Sedgefield Middle, Goose Creek, SC

**92. Taking It to the Streets**

Room: L15 Session Type: MS
Objective: 6B Table: 11

Learn how one school created its own version of the HSTW Development Conference for its school district to share ideas, improve teachers' craft and improve student achievement.

**Presenter(s):** Bryce Hibbard, Principal and Amanda McFarland-Smith, Teacher, Southern High School, Louisville, KY; and Randi Stearman, Goal Clarity Coach, Moore Traditional School, Louisville, KY

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 93. Promoting Cross-Curricular Literacy

Room: L15 Session Type: MS
Objective: 7B Table: 12

See how one teacher brings a fictional text to life by incorporating lessons from history, culinary arts, hospitality and tourism, cosmetology, computer graphic arts, and IT programs in her CTE courses.

**Presenter(s):** Michelle Carn, English Teacher, Springfield Clark CTC, London, OH

### 94. Overcoming Obstacles to Implementing Advisory Systems

Room: L15 Session Type: MS
Objective: 7C Table: 13

The presenter will share variables of effective, evidence-based advisories and what impedes and empowers advisory programs. Hear the results of her extreme-groups study that identified 11 key leadership practices.

**Presenter(s):** Barbara Brady, School Counseling Coordinator, West Virginia Department of Education, Charleston, WV

### 95. Faculty Retreats: Creating a Culture and Climate for Success

Room: L15 Session Type: MS
Objective: 8A Table: 14

Whether you are an administrator or teacher leader, if you are charged with creating a positive, successful climate and culture at your school, this session is you!

**Presenter(s):** Sarah Deason and Chris Timmons, Assistant Principals; and Sheri Wells, Principal, Buford Middle, Lancaster, SC

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 96. Teach to Lead: Strategic Partnerships for Student Success and Positive School Culture

Room: L15 Session Type: MS
Objective: 8C Table: 15

We will discuss one school's journey with Teach to Lead and how it built strategic community partnerships that have supported students and teachers through year one of consolidation.

**Presenter(s):** Amy Helms, Curriculum Technology Specialist and Ginger Tedder, Lead Teacher, Starkville-Oktibbeha Consolidated School District, Starkville, MS

### 97. Survey Says: School Leaders Need Data

Room: L15 Session Type: MS
Objective: 8E Table: 16

Surveys can provide school leaders with timely information from teachers, parents and students, and provide critical feedback that reveals what they can work on to be better leaders.

**Presenter(s):** Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA

## 120-MINUTE SESSIONS

### 98. An Introduction to the Literacy Design Collaborative

Room: L4 Session Type: DD
Objective: 3A

Do you need a framework for developing units of study focusing on content standards as well as developing students' reading, writing, speaking and listening skills? In this session, participants will explore the Literacy Design Collaborative framework as well as structured, yet flexible, tools that support the framework.

**Presenter(s):** Connie Lester, School Improvement Consultant, SREB, Atlanta, GA

### 99. Expanding Your MDC Toolbox to Increase Student-Centered Learning

Room: L7 Session Type: DD
Objective: 3B

Learn to embed Mathematics Design Collaborative (MDC) tools and formative assessment techniques in engaging units of study. Participants will determine the basic building blocks for essential mathematics units and determine how to strategically place tasks and classroom challenges to support student success. We'll focus on the features to improve student dialogue and mathematical discourse. Participants will learn how these strategies are impacting student engagement and student performance on state assessments.

**Presenter(s):** Ivy Alford, Director of State Services for School Improvement, SREB, Atlanta, GA; and Sharon Moehle, Math Instructor, Camdenton High School, Camdenton, MO

## FEATURED SPEAKERS 60-MINUTE SESSIONS

Gail Chapman

### 100. Computer Science: Preparing All Students for Emerging Opportunities

Room: 209 Session Type: BP
Objective: 1E

How can schools, districts and states create course pathways that ensure ALL students — especially those traditionally underrepresented in computer science — can participate? This session will focus on the National Science Foundation-supported Exploring Computer Science course. Join the discussion of lessons learned from implementing and scaling an inquiry-based curriculum nationally.

**Presenter(s):** Gail Chapman, Director of Outreach, Exploring Computer Science, San Diego, CA

Alan Schoenfeld

### 101. What Makes for Powerful Classrooms and How Can We Support Teachers in Creating Them?

Room: L8 Session Type: BP
Objective: 3B

The presenter will share the Teaching for Robust Understanding (TRU) framework, which helps teachers to focus on what really counts in powerful learning environments. Participants will learn the TRU Math measurement scheme that focuses on five dimensions of mathematics classroom activity, each of which captures an essential aspect of productive mathematics classrooms.

**Presenter(s):** Alan Schoenfeld, Professor of Education and Affiliated Professor of Mathematics, University of California, Berkeley, CA

## FEATURED SPEAKERS 60-MINUTE SESSIONS

Gary Ritter

### 102. Learning on the Job: How Teacher Evaluation Can Foster Growth

Room: 103 Session Type: BP
Objective: 6A

Examine how genuine evaluation can enhance the effectiveness of those evaluated. Structured interviews with educators and policymakers shows rigorous evaluations can provide a focus for professional development. Feedback from evaluations can encourage self-reflection and meaningful conversations among educators focused on classroom practice.

**Presenter(s):** Gary Ritter, Professor, University of Arkansas, Fayetteville, AR

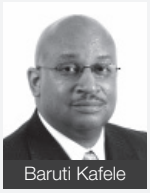
David Shepard

### 103. Effective Practices to Enhance the Transition Into the Middle Grades

Room: Cascade Ballroom C Session Type: BP
Objective: 8C

When students change teachers, schools or grade levels, the experience can be stressful, particularly for elementary students as they move into the middle grades. Students must have the necessary maturity, content knowledge and social skills to transition successfully. Participants will examine ideas and strategies that can help schools improve how students are welcomed into the new setting.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY


Baruti Kafele

### 104. Leadership Strategies for Creating a Climate and Culture of Excellence

Room: Cascade Ballroom A Session Type: BP
Objective: 8D

In this interactive session, the presenter will provide school leaders with strategies for creating a school climate and culture conducive to high academic performance. If teachers are operating within a toxic environment, the probability of the school performing at an optimal level diminishes exponentially. Don't be that school!

**Presenter(s):** Baruti Kafele, Consultant, Principal Kafele Consulting, LLC, Jersey City, NJ

Thomas Glanton

### 105. Mastering Parental Involvement: Keeping Kids Out of the Office

Room: Cascade Ballroom B Session Type: BP
Objective: 8E

Participants in this session will learn strategies for communicating successfully with unfocused, hostile, non-responsive, helicopter and enabling parents. Get them to work with you, not against you, through assertive communication and defined conferencing skills. The development of an easy-to-use home and school plan will result in more focused and successful students and parents.

**Presenter(s):** Thomas Glanton, President, The Education Company, Decatur, GA

## 60-MINUTE SESSIONS

### 106. Nursing Career Pathway From High School to Community College to Employment

Room: 214-215 Session Type: BP
Objective: 1A

The presenter will describe the need to increase the percentage of young adults entering nursing with foundational literacy, math and critical thinking skills. Learn what this career pathway program looks like, how to implement one and how students can leave high school with 30 hours of college credit toward an associate degree, a bachelor's degree and an exciting career in nursing.

**Presenter(s):** Laura Arnold, Interim Associate Commissioner, KDE, Frankfort, KY; and Tim Shaughnessy, Special Consultant for Career Pathways, SREB, Atlanta, GA

### 107. Green Is Good... and Worth the Work!

Room: 107 Session Type: BP
Objective: 1B

Get ready to excite, innovate and ignite student learning by "going green" in math, science, social studies and English language arts. Learn about a state-of-the-art, renewable energy middle grades school that also serves as a teaching tool to provide authentic learning for all students. It may not be easy being green, but it's well worth the effort!

**Presenter(s):** Tommy Jacobs, Principal and Doresia Williams, Assistant Principal, Sandy Grove Middle School, Raeford, NC

### 108. Kentucky Gets on TRACK With Youth Apprenticeship

Room: 115 Session Type: BP
Objective: 1C

A panel discussion of a successful career pathway, Tech Ready Apprentices for Careers in Kentucky (TRACK), is the focus of this session. The group will include the employer Schneider Automotive, a secondary principal, an apprentice student, a postsecondary partner and the Kentucky Labor Cabinet. Learn more about how this rural community is building a skilled workforce!

**Presenter(s):** Jeff Adams, Principal, Lake Cumberland Area Technology Center, Russell Springs, KY; Mike Donta, Supervisor of Apprenticeship, Kentucky Department of Labor, Frankfort, KY; Garrett Foley, Youth Apprentice; Torsten Langguth, Plant Manager; and Hearl Popplewell, Apprentice Coordinator, Dr. Schneider Automotive Systems, Russell Springs, KY; Mary Taylor, Industry Training and Development Specialist, Office of CTE, KDE, Frankfort, KY; Nick Tomlinson, Instructor, Somerset Community and Technical College, Somerset, KY

### 109. Inquire, Imagine, Create: Engineering Design in Aerospace Engineering

Room: Exhibit Hall 1AB Session Type: BP
Objective: 1D

Learn how students and teachers utilize the seven steps of the Engineering Design Process to successfully complete a real-world project unit from Aerospace Engineering Course 1. Student work from all six Course 1 projects will be showcased, including how they impacted student test scores and college- and career-readiness skills.

**Presenter(s):** Kimberly Cortines, AC Aerospace Engineering Teacher, Oak Hill High School, Oak Hill, WV

## 60-MINUTE SESSIONS

### 110. Fusing Power and People: Empowering Students Through PBL and STEM

Room: 216-217 Session Type: BP
Objective: 1E

Project-based learning and STEM enable students to engage in rigorous and relevant activities that reflect today's growing job marketplace requirements. Join us as we share the project designs, culminating projects and assessments used to engage students in community-based projects and address real-world community problems.

**Presenter(s):** Gail Dugger, Assistant Principal; Lori O'Brien, Co-chair, STEM Focus Team; Jason Smith, Teacher; and Robin Sowell, Technology Specialist, St. Marys Middle School, St. Marys, GA; and George Johnson, School Improvement Consultant, SREB, Atlanta, GA

### 111. You've Got the Power: Sparking an Educational Partnership

Room: 207 Session Type: BP
Objective: 2A

The partnership between Alabama Power and one high school will be featured, showing how a career pathway approach was developed. Presenters will show how Alabama Power adopted the business academy at the school. This partnership represents a Gold Standard Project and helps develop students' skills sets for future success. Developing employability skills will be discussed.

**Presenter(s):** Dana Griggs, Director; Cindy Smith, High School Teacher; and Katie Thomas, Community Relations Specialist, Alabama Power Company, Eufaula, AL; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 112. Refreshing Your Computers: An Enhanced CTE Project

Room: 203-206 Session Type: BP
Objective: 2C

This six-week project, completed by teams of three students in the IT class at a career and technical education center, built on fundamentals learned in the first year of the program. In completing this real-world, authentic project, students met literacy, math and 21st-century standards. Hear first hand from the teacher who developed and refined the project.

**Presenter(s):** Alan Capparelle, Teacher, Information Technology, Central Pennsylvania Institute, Pleasant Gap, PA; and Dave Leavitt, Independent Consultant, Albany, NY

### 113. Where Progress Is Stalled: How You Can Accelerate the Pay

Room: Conference Theater Session Type: BP
Objective: 2E

This session will explore what middle grades and high schools can do to help more students obtain a good job and achieve a middle class lifestyle. Learn the role education must play if we are to close the skills gap between young adults and the career opportunities that await them.

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

### 114. Vocabulary Strategies That Work

Room: L5 Session Type: BP
Objective: 3A

Experience how vocabulary strategy connects to the comprehension of the reading process to enhance student engagement and confidence. We will also see how essential vocabulary becomes the super glue to hold everything together, from task analysis to the final written product, to provide meaningful instruction.

**Presenter(s):** Donn Kirkwood, Literacy Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 115. Dining at the White House in the Classroom

Room: 219 Session Type: BP
Objective: 3A

This session will provide strategies developed for a literacy and career and technical education project based on *Dining at the White House*, by former White House chef John Moeller. The teachers will present the planning and the strategies they used in their instruction to provide students with academic, cognitive, technology, software and 21st-century skills.

**Presenter(s):** Susan McCaughin, Instructor and Connie Muschko, School-to-Career Coordinator, Bethlehem Area Vocational-Technical School, Bethlehem, PA; and Linda Moyer, Independent Consultant, Enhanced PBL in Career Pathways, Murphy, NC

### 116. Integrating Music and Learning!

Room: L1 Session Type: BP
Objective: 3A

In this informative session, the presenters will display strategies to incorporate music into English language arts, science and social studies disciplines. We will use different types of music to discuss, analyze and create writing samples. Come hear how to make subject area instruction music to your students' ears!

Presenter(s): Charles Capers, Keonia Davis and Katrina Frierson, Teachers, Mayewood Middle School, Kingstree, SC

### 117. Changing Learning Through Effective Questioning

Room: L2 Session Type: BP
Objective: 3B

When planned intentionally, effective questions can truly change the way students learn — engaging and motivating them to take ownership of learning. The presenters will also describe how questioning strategies engage students deeper in learning and results in improved readiness for postsecondary studies and careers. Learn if you are asking the right questions!

**Presenter(s):** Barbara Moore, School Improvement Consultant, SREB, Atlanta, GA; and Alex Whittenburg, Teacher, Moore Traditional Middle School, Louisville, KY

### 118. Engaging Your Students With a Concept Development FAL

Room: L3 Session Type: BP
Objective: 3B

This session will introduce the concept development FAL (formative assessment lesson) to participants who have not participated in the Mathematics Design Collaborative previously. They will experience a FAL and learn how to implement a FAL in their classrooms with integrity. A Q&A period will follow at end of session.

**Presenter(s):** Mark Feeley, Independent Math Consultant, North Myrtle Beach, SC

### 119. Ready for College-Level Math

Room: L9 Session Type: BP
Objective: 3D

Do you have juniors and seniors who won't be ready for college math? Students who struggle in traditionally taught math classes are not likely to improve with more of the same. SREB has a solution to this problem with the Math Ready course, which emphasizes understanding of mathematics concepts, real-world application and the critical thinking skills students will use in college and careers.

**Presenter(s):** Carolyn Helm, TCTW Lead Specialist, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 120. A Close Look at "Close Reading"

Room: L6 Session Type: BP
Objective: 4A

College and career-readiness standards have drawn increased attention to an instructional routine called close reading/analytic reading. Close reading involves activities and text-dependent questions that are structured to lead students to a final culminating task in which their comprehension of the text will be assessed through writing. This session targets all audiences that are interested in learning how engagement leads to achievement!

**Presenter(s):** Tracy Gordon, Curriculum and Instruction and Latoya Lott, Instructional Coach, Vicksburg Warren School District, Vicksburg, MS; and Jean Lee, Literacy Consultant, SREB, Atlanta, GA

### 121. Optimizing 30-Minutes in a Middle Grades School Master Schedule

Room: L11 Session Type: BP
Objective: 4B

Keyser Middle School teachers will demonstrate how our "Tornado Time" maximizes 30 minutes each day to foster student success. The session will include PowerPoint presentation to detail the master schedule and student learning opportunities. One STEM task will be featured in a hands-on, active engagement opportunity for participants.

**Presenter(s):** Loretta Mick, Amy Rice and Lynn Smith, Teachers, Keyser Middle School, Keyser, WV

### 122. Career Connected Capstone: Going Strong

Room: L10 Session Type: BP
Objective: 5A

Senior capstone projects are not new to career and technical education, but having students see the relevance of the project to a future career was new to this particular CTE center. After major modifications were made to the student-guided project, students and staff agree that the once dreaded research-based project took a career-based turn for the better.

**Presenter(s):** Michelle Fitzsimmons, Student Services Coordinator and William Oesch, Teacher, Columbiana County Career & Technical Center, Lisbon, OH

### 123. The Video Game Generation: Understanding the Minds of Generation G

Room: 211 Session Type: BP
Objective: 5B

Using gamification, digital assets, videos, awards, badges, abundant assessments and leveling up, we can transform the classroom into the gaming arena. As a digital immigrant, learn how to speak to a digital native and see what compels them to achieve mastery.

**Presenter(s):** Nai Wang, Founder & President, KP Education Systems, Phoenix, AZ

### 124. Project-Based Assignments Become the Norm in CTE and Algebra I

Room: 202 Session Type: BP
Objective: 6B

Examples of how an engineering and Algebra I teacher plan and deliver assignments together to support mastery of technical and academic standards by students in both classes will be shared. The partnership has become the model classroom for the academy and the focus for the academy's instructional strategies.

**Presenter(s):** Sandy Culotta, Manager, Project-Based Learning, SREB, Atlanta, GA; and John Reynolds, Engineering Teacher and Hazel White, Assistant Principal, South Gwinnett High School, Snellville, GA

## 60-MINUTE SESSIONS

### 125. How We Know Students Are Learning: Assessment Plan of Action!

Room: 218 Session Type: BP
Objective: 6D

Join in an exploration of how to gauge academic, technical and 21st-century skill development through an assessment planning process. When instruction is approached through a project-based design, learning becomes more organic, interconnected and authentic. Work through an assessment plan that complements instruction and walk away with a template to use in any discipline.

**Presenter(s):** Lynda Jackson, Director, TCTW and Kathleen McNally, School Improvement Specialist, SREB, Atlanta, GA

### 126. Building a Trademark Brand

Room: 116 Session Type: BP
Objective: 7A

Feeling the pressure to improve the climate and culture in your school? Receive strategies and examples for capturing, promoting and establishing a "diamond standard" school culture. Learn how to develop a brand image and identity that can strengthen your learning environment!

**Presenter(s):** Marsha Ricks, Biomedical and STEM Community Director, Ball High School, Galveston, TX

### 127. Using the PLC Process to Spread and Sustain Professional Learning

Room: 208 Session Type: SC
Objective: 7B

One of the most difficult tasks leaders face is ensuring that new learning is deep enough to change practice, requiring commitment to the work and dedicated time. In this session, participants will discuss strategies for sustaining professional development through dedicated, ongoing collaborative time for teacher teams.

**Presenter(s):** Lauri Johnson, Director of School Leader Development, SREB, Atlanta, GA

### 128. National Board Certification and Continuous Improvement of Teaching

Room: 210 Session Type: BP
Objective: 8C

Join this panel to hear the perspectives of three school principals and a teacher-leader on the ways improvement measures can make or break school culture. Learn how the new National Board Certification process has helped advance the development of individual teachers and teaching communities as a whole.

**Presenter(s):** Harrie Buecker, Director, Office of Educator Development and Clinical Practice; Liaison for District and School Partnerships; Nystrand Center of Excellence in Education; Louisville, KY; Tracey Harris, Program Consultant, Ohio Valley Educational Cooperative, Shelbyville, KY; Dewey Hensley, Principal, Second Street School, Frankfort, KY; and Melissa Shearin, Goal Clarity Coach and Jodie Zeller, Principal, Westport Middle School, Louisville, KY

## 60-MINUTE SESSIONS

### 129. Distributive Leadership Systems in Kentucky CTE Centers

Room: 212-213 Session Type: BP
Objective: 8C

Hear how principals from TCTW technical centers utilize Kentucky Department of Education and SREB tools and support for school improvement and increased student achievement. Following institutional reviews, TCTW site development and focus team workshops, school leaders involved their teachers in revisiting their mission, developing SMART goals, finding time for teacher collaboration, practicing being instructional leaders and improving communication with all stakeholders. This has resulted in improved achievement for students.

**Presenter(s):** Lois Barnes, Independent Consultant, Brentwood, TN; and Linda Floyd, Administrative Consultant, KDE, London, KY

### 130. A Powerful Punch With Literacy: Spreading Data, Mini-Tasks and Rubrics Schoolwide

Room: 201 Session Type: BP
Objective: 8D

Transitioning from a small Literacy Design Collaborative (LDC) team to implementing LDC schoolwide or districtwide is challenging, but with vision, a plan and drive, it can succeed. The presenter will share her personal experiences, successful results and discuss action planning to help school administrators, school improvement teams and LDC teams prepare to make the transition by focusing on key components of LDC.

**Presenter(s):** Pam Purcell, Literacy Consultant, SREB, Atlanta, GA

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 131. Elementary School STEM: PBL and High School Student Mentors

Room: L15 Session Type: MS
Objective: 2A Table: 1

Learn how CTE students instructed elementary students as part of a STEM-based project at a local elementary school. Topics included aquaponics, organic gardening and entrepreneurship with a local farmers' market.

**Presenter(s):** Karl Flem, Science Teacher, Warren County Career Center, Lebanon, OH

### 132. Improving Writing Through Focus and Annotation

Room: L15 Session Type: MS
Objective: 3A Table: 2

The presenter will share an innovative writing approach that allows students to think like — and revise like — writers. Learn how students can become cognitively aware of their own writing practices.

**Presenter(s):** Dawn Burnette, Teacher, Burnette Academy, Blairsville, GA

### 133. Revolutionize the Classroom for Gen Z

Room: L15 Session Type: MS
Objective: 3C Table: 3

Learn how to empower the classroom and transform instruction from the Millennial Generation to Gen Z. Be prepared to enjoy strategies of proven success with a Google-Certified Teacher.

**Presenter(s):** Theresa Hamm, Instructional Coach, Pendleton High School, Pendleton, SC

### 134. This Junior High Is Winning the War Against Apathy

Room: L15 Session Type: MS
Objective: 3D Table: 4

At this junior high school, all assignments have been completed for the past four years; failure rates have declined, and test scores have improved.

**Presenter(s):** Cory Crosnoe, Principal, Jackson Junior High, Jackson, MO

### 135. Data Driven Instruction: Analyzing Student Work

Room: L15 Session Type: MS
Objective: 4A Table: 5

Why do we need to analyze student work? This process allows teachers to keep their fingers on the pulse of student progress and adjust teaching while learning is ongoing.

**Presenter(s):** Dawn Perks, Independent Math Consultant, Burlington, NC; and Debra Robertson, Independent Math Consultant, DL Robertson Consulting, LLC, Pensacola, FL

### 136. From Renderings to Ringing Bells

Room: L15 Session Type: MS
Objective: 4B Table: 6

Learn how one county school district turned a 20-year discussion into a new career and technology center and the lessons learned along the way.

**Presenter(s):** Yetta Burns, Office Manager; Chris Dinkins, Director; Teresa Holmes, Guidance/Administration; and Patty Reid, Culinary Arts Instructor, Fairfield Career & Technology Center, Winnsboro, SC

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 137. The Senior Capstone Project Experience

Room: L15 Session Type: MS
Objective: 5A Table: 7

Participants will learn how to effectively take students through the process of completing a capstone project in a personalized learning environment while mastering essential communication skills.

Presenter(s): Valerie Ayers, Teacher and Jeff Boozer, Assistant Principal, Pendleton High, Anderson, SC

### 138. PBL in the Community

Room: L15 Session Type: MS
Objective: 5A Table: 8

A teacher will present how her project involved and empowered some 40 active club members to design and develop community projects through the effective use of project-based learning strategies.

**Presenter(s):** Maria Maderal, STEM Master Teacher, Marlboro County High School, Laurinburg, SC

### 139. Flipping Out! Non-Standard Learning for the "Not So Standard Learner"

Room: L15 Session Type: MS
Objective: 5C Table: 9

Flipped classrooms have proven effective at one technology center. Students in Algebra II, geometry and math (finance) watch personalized videos, take notes and work in class.

**Presenter(s):** Kenneth Shade, Instructor, Math, Southern Oklahoma Technology Center, Ardmore, OK

### 140. Creating Career Enrichment: Thinking Outside the Box

Room: L15 Session Type: MS
Objective: 6C Table: 10

Learn how the presenters identified and overcame pitfalls in creating successful career enrichment for high school students in an urban district.

**Presenter(s):** Carmen Gaines, Career Enrichment Coordinator and Sarah Woodward, Career Tech Department Chair, Woodward Career Tech High School, Cincinnati, OH

### 141. Raising the Bar: The Journey to School of Distinction

Room: L15 Session Type: MS
Objective: 7B Table: 11

Learn the practices and processes that facilitated the improvement of student achievement at this high school. This process has led the school from a Focus/Needs Improvement institution to a School of Distinction.

**Presenter(s):** David Bolen, Principal; Kendra Esenbock, Instructional Coach; and Jamie Keene, Assistant Principal, George Rogers Clark High School, Winchester, KY

### 142. ILT With Late Start Time

Room: L15 Session Type: MS
Objective: 7D Table: 12

This school is in its third year of having a late start time. Students have the opportunity to attend tutoring, make up exams, attend club meetings and participate in intramurals.

**Presenter(s):** Angela Williams, CTE Teacher/Department Head, Hilton Head Island High School, Hilton Head, SC

**TWO MINI-SHARING SESSIONS** **25-MINUTES EACH**

**143. Classroom Culture: The Right Conditions for Learning**

Room: L15 Session Type: MS
Objective: 8A Table: 13

Session presenters will provide the conditions as a framework and examples of effective teaching practices in various content areas within that framework.

**Presenter(s):** Sarah Mahurt, Consultant, James Daniel & Associates, LLC, Indianapolis, IN; and Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA

**TWO MINI-SHARING SESSIONS** **25-MINUTES EACH**

**144. Distribute Leadership to Maximize Leadership**

Room: L15 Session Type: MS
Objective: 8C Table: 14

Heroic leadership is not enough. This session will focus on keys to establishing and managing effective school leadership teams that distribute the leadership load across many shoulders.

**Presenter(s):** Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA

## FEATURED SPEAKERS

Craig Boykin

### 145. How to Motivate the Unmotivated: Teaching With Poverty in Mind

Room: Cascade Ballroom B Session Type: BP
Objective: 3D

Don't give up on "difficult" students by deciding that certain students can't be taught. It's clear that students from poverty are habitually at a disadvantage when it comes to education, and educators can find it challenging to motivate such students to become positively engaged in their own learning. Learn how to help at-risk students succeed.

**Presenter(s):** Craig Boykin, Speaker/Author, 180 Group LLC, Montgomery, AL

B. Gottschalk

### 146. Scaling Success — Writing Winning Grant Proposals for a Big Impact

Room: 109 Session Type: SC
Objective: 8C

Have a great idea and need money to implement it? This session is for you. Participants will learn about the basic parts of a grant proposal, analyze actual grant application excerpts and get tips for writing successful proposals. Learn how small grant awards can be scaled up to make a big difference at your school!

**Presenter(s):** Barbara Gottschalk, English Language Acquisition Teacher, Warren Consolidated Schools, Troy, MI

## 60-MINUTE SESSIONS

### 147. Lessons Learned in School and District Redesign

Room: 102 Session Type: SC
Objective: 1A

Learn how a rural, high-poverty school district in South Carolina has partnered with SREB, School By Design (using the TimeWise software) and the state of South Carolina to create pathway options for students based on the workforce data of the region. Students are given encouragement to succeed and are prepared for work opportunities in their area.

**Presenter(s):** Roberta Cumbee, Executive Director of Instructional Services, Williamsburg County School District, Kingstree, SC; and Tom Siler, Director, Statewide Initiatives, SREB, Atlanta, GA

### 148. Bringing the B&I Environment to School: West Virginia's Simulated Workplace

Room: 218 Session Type: BP
Objective: 2C

Entering its fifth year, West Virginia's Simulated Workplace movement continues to impact classroom environments and student learning. Learn how the Simulated Workplace's 12 protocols provide a framework for shifting the CTE learning environment where students take on more ownership and embrace industry practices. Resources and lessons learned will be shared.

**Presenter(s):** Kathy D'Antoni, Associate State Superintendent of Schools, WVDE, WV; and Kathleen McNally, School Improvement Specialist, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 149. Secondary/Postsecondary Collaboration Through AC Programs

Room: 216-217 Session Type: BP
Objective: 2D

This presentation focuses on work in West Virginia to develop quality secondary/postsecondary career pathways utilizing Advanced Career curricula as the foundation. This work has created open dialogue among secondary and postsecondary career and technical education providers and greatly improved opportunities for students to obtain college credit for the secondary component of STEM-based career pathway programs.

**Presenter(s):** Stanley Hopkins, Independent Consultant, Mount Alto, WV

### 150. Claim It... As Easy as ABC

Room: 212-213 Session Type: BP
Objective: 3A

Experience the power of writing an ABC Claim. This cross-curricular strategy is simple, easy to use and yields a high return for all students, including students with disabilities and English language learners. Discover how solid claim writing empowers students to own their writing, find their voice and meet rigorous standards. The presenters will describe the impact this writing process has had on student achievement.

**Presenter(s):** Clara Clark, School Improvement Consultant, SREB, Atlanta, GA; and Michelle Ronga, Instructional Coach, Las Cruces High School, Las Cruces, NM

### 151. Literacy Skills Work: Increasing Classroom Rigor and Student Achievement

Room: L5 Session Type: BP
Objective: 3A

This session offers an overview of the methods needed to embed literacy skills in the career and technical education classroom. With the goal of engaging students to take ownership of their learning while increasing performance, participants will receive a packet of 40 strategies, a suggested writing hierarchy and fool-proof Literacy Design Collaborative writing templates.

**Presenter(s):** MaryAnne Preston, Independent Literacy Consultant, Perrysburg, OH

### 152. Providing Feedback That Moves Learners Forward

Room: L6 Session Type: BP
Objective: 3B

Participants in this session will discover ways to provide feedback to motivate students to take ownership of their own learning. Giving feedback is much more than giving your students an "atta-boy/girl." The presenter and participants will look at providing feedback that encourages students to delve more deeply into mathematics.

**Presenter(s):** Cathey Ritter, Independent Math Consultant, Vestavia Hills, AL

### 153. Hyped Up On Reading

Room: L10 Session Type: BP
Objective: 3C

Ready to bring technology into your traditional literacy-loving classroom? This session will focus on designing work that promotes authentic, independent reading experiences and incorporates technology that supports literacy standards. Bring your Chromebook or other device and leave with a HyperDoc that can be used with any novel.

**Presenter(s):** Stacy Hughes, Teacher, West Morgan High School, Trinity, AL

## 60-MINUTE SESSIONS

### 154. Ensuring Black Male Success: Literacy Development and Mentoring

Room: Cascade Ballroom A Session Type: BP
Objective: 3D

This session will provide easy-to-implement, system-wide, K-12 strategies to help navigate black males from early literacy development through college entrance. Attendees will be provided with knowledge to combat systemic stereotypical excuses that hinder black males' progress through the educational system. These strategies can also be applied as interventions to all populations.

**Presenter(s):** Raashad Fitzpatrick, Principal; Daniel Foster, Graduation Coach; and Phillip McHam, Mentor Teacher, Gaffney High School, Gaffney, SC; and Crystal Irby, Education Coordinator, Urban League of the Upstate, Spartanburg, SC

### 155. Commit to Engagement! Using PBL to Reach and Teach ALL Students

Room: 207 Session Type: DD
Objective: 3D

Executive functioning comprises the essential self-regulation skills needed to successfully participate and function in a classroom setting — and in life (Petlak 2013). Project-based learning (PBL) provides a framework for student participation in authentic problem-solving. This session will provide a toolkit of strategies that compliment projects.

**Presenter(s):** Brittney Howell, Special Education Director, Dayton Independent Public Schools, Dayton, KY; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 156. Win Today! Academic Plan for Student Athletes

Room: L9 Session Type: BP
Objective: 3D

See an in-depth examination of four years of data, adaptations and accountability that have contributed to eliminating D's and F's from the football program. This session will overview the framework and foundation of the academic plan, the addition of the TAP 360 personality profiles and continued results to support the plan.

**Presenter(s):** Heather Andrus, Assistant Principal; Allison Jordan, Academic Coach, Academic Assistance Coordinator; and David Pierce, Social Studies Teacher/Assistant Football Coach, Northwestern High School, Rock Hill, SC

### 157. Never Have I Ever: The Importance of Middle Grades Mathematical Vocabulary

Room: L8 Session Type: BP
Objective: 4A

Participants in this interactive, game-show format presentation will explore common math terminology used by middle grades teachers that fail to deepen student understanding to the level required to meet career- and college-readiness standards. Participants will also brainstorm strategies that lead to a deeper understanding of middle grades mathematics.

**Presenter(s):** Jason Adair, Math Consultant, SREB, Atlanta, GA; and Paige Graiser, Independent Math Consultant, Brunswick, GA

## 60-MINUTE SESSIONS

### 158. Step Up: Middle Grades to High School Transition at Its Best!

Room: 201 Session Type: BP
Objective: 4B

Learn how middle grades and high school counselors, administrators and teachers work together to make students' transitions to high school smoother. Step Up provides a foundation that assists students in successfully navigating high school. Discover the critical components for successful freshmen transition that includes students and parents.

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers, SREB, Atlanta, GA; and Erin Deitzler and Gwen Justice, Counselors; and Pat Peters, Principal, Williamstown High School, Williamstown, WV

### 159. Changing Expectations of Parents Toward College and High Schools

Room: Conference Theater Session Type: BP
Objective: 4D

This presentations will be based on the recent Phi Delta Kappa Gallup poll regarding the public's attitudes toward public schools and career and college preparation. This session is for principals and counselors who are interested in helping young people think about their future. http://pdkpoll.pdkintl.org/october/

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

### 160. Industry-Recognized Credentials: Making Sense of the Confusion

Room: 202 Session Type: BP
Objective: 4E

"Industry-recognized credential" has become the buzzword recently. What is the difference between a diploma, certificate, degree and license? Does it matter who provides the credential? This session will help cut through the clutter and consider credentials that matter to students, business and higher education partners.

**Presenter(s):** James Stone, Director, NRCCTE at SREB, Atlanta, GA

### 161. Going One to One in a Rural School Setting

Room: L2 Session Type: BP
Objective: 5A

Session presenters will share their journey of transforming their school into a one-to-one digital setting. See how to prepare students, parents and teachers to embrace this change in a short period of time while increasing student performance. Learn how our school culture has evolved over the past two years with the implementation of these devices and digital tools.

**Presenter(s):** Jamie Durant, Principal; and Kevin Taylor, Chris Walters and Stacey White, Assistant Principals, West Rowan High, Mount Ulla, NC

### 162. Making Connections Through the Veterans History Project

Room: 103 Session Type: BP
Objective: 5B

Through the Library of Congress Veterans History Project, students learned how to conduct, preserve and make accessible interviews with veterans. They also learned to write thank you letters and use audio and video recording logs. The project was completed in collaboration with other teachers and continued to grow throughout the year.

**Presenter(s):** Tea McCaulla and Donna Patrick, Instructors, Pickaway-Ross Career & Technology Center, Chillicothe, OH

## 60-MINUTE SESSIONS

### 163. Raising Test Scores and Uplifting Administrators and Teachers

Room: 211 Session Type: BP
Objective: 5B

This workshop will focus on how to reach at-risk youth by establishing common ground and making the subject matter relevant to students' aspirations and career goals. Establishing this connection will raise exam scores and graduation rates, and lower student disconnection and inappropriate behavior. We will also focus on motivational strategies to keep teachers and administrators engaged.

**Presenter(s):** Victor Woods, National Speaker and Author, Success International Incorporated, Bloomingdale, IL

### 164. Building Authenticity: Bridging Classrooms, Teachers and Students for Community Partnerships

Room: 116 Session Type: BP
Objective: 5C

Participants in this session will receive practical tips and tools for teachers and teacher-leaders to use while building collaboration among academy-focused, interdisciplinary teaching teams as well as garner a deeper understanding of how to build authentic community partnerships with local professionals that transform curriculum and student engagement.

**Presenter(s):** Kyle Jones, Academy Coach and Randy Crutchfield, Academy Teacher, Lanier High School, Buford, GA

### 165. Crime Analysis: Engaging Students in Relevant, Real-World Problems

Room: 113 Session Type: BP
Objective: 5C

Crime is tightly aligned with geography. When any crime is committed, it happens at a specific location. This session describes a real-world project, researched and performed by high-school students in Syracuse, New York. The project integrates two career and technical education courses: Forensic Science/Crime Scene Investigation (CSI) and GIS (Geographic Information Systems).

**Presenter(s):** Chris Freeburg, Forensic Science CTE Teacher and Jessica Teifke, Geospatial Intelligence CTE Teacher, Public Service Leadership Academy at Fowler High School, Syracuse, NY

### 166. Robotics: Building Capacity One Gear at a Time

Room: 107 Session Type: BP
Objective: 5D

The presenter will share how one district leveraged one teacher's knowledge into a districtwide robotics program. Through intense training and professional development, teachers were equipped with knowledge and skills to initialize their own school robotics team that participated in the district robotics competition.

**Presenter(s):** Mario Malabunga, Teacher, Sandy Grove Middle School, Raeford, NC

### 167. University of Central Missouri Alternate Certification Program

Room: 219 Session Type: SC
Objective: 6A

Learn about an educator certification program that was developed in coordination with career and technical education (CTE) directors to create CTE alternative certification courses, which are integrated, rigorous and relevant. This session will provide information on how the program was developed, explain individual courses; and reveal data collected from instructors, students and directors.

**Presenter(s):** Nancy Headrick, Director, Teaching to Lead, SREB, Atlanta, GA; and Gina Smith, Independent Consultant, Harrisonville, MO

## 60-MINUTE SESSIONS

### 168. Building Change — One Step at a Time

Room: 214-215 Session Type: BP
Objective: 6B

See how one high school is producing measurable gains via a new synergy between career and technical education (CTE) teachers and academic teachers through project-based learning. Key strategies include: Bringing CTE into academic work; fostering communities of practice among CTE and academic teachers; and providing academic and CTE teachers with evidenced-based instructional materials and professional development.

**Presenter(s):** Marck Abraham and Michael House, Assistant Principals; Crystal Barton, Principal; and Wygenia Mills, SIF - Coordinator, McKinley High School, Buffalo, NY; and Wendy Gonzales, School Improvement Consultant, SREB, Atlanta, GA

### 169. Engaging Your Business and Industry Partners

Room: 203-206 Session Type: BP
Objective: 6C

Despite the benefits of a business/education partnership, there has been a growing trend of disconnect between business and schools. Too often business people are not sure how to get involved in education-based collaboration. In this session, we will identify strategies for strengthening the business/education relationship.

**Presenter(s):** Dave Leavitt, Independent Consultant, SREB, Albany, NY

### 170. Reading to Learn: A 21st-Century Workplace Skill

Room: 112 Session Type: BP
Objective: 7B

Every student entering the workplace must be a strategic reader capable of reading for learning. This interactive workshop session will share practical reading tools and strategies teachers can use in any content area to better prepare students for the changing world of work. Learn how we built collaborative literacy teams focused on improving students' communication skills.

**Presenter(s):** Joyce Jackson, Goal Clarity Coach, Southern High School, Louisville, KY

### 171. Flexible and Innovative Scheduling With an Eight-Period Day

Room: 115 Session Type: BP
Objective: 7D

The eight-period day at this high school allows for great innovation and flexible scheduling. The schedule has allowed professional learning communities to flourish for enrichment and intervention opportunities during the school day. The school has been able to "close the gap" for five years and received the National Blue Ribbon Award in 2014.

**Presenter(s):** Allison Gleichauf and Nichole Hicks, Teachers; and Joe Rowe, Principal, Ironton High School, Ironton, OH

### 172. The Four C's of Effective Leadership

Room: 106 Session Type: BP
Objective: 8D

After leading young people, coaches and teachers for 28 years, the presenter has developed a philosophy of leadership that is simple, research-tested, data-driven and is guaranteed to positively impact people. The Four C's concept is based on the presenter's "they wouldn't need you" approach.

**Presenter(s):** David Henley, Instructor/Researcher, Eastern High School, Goshen, KY

## 60-MINUTE SESSIONS

### 173. NBCT Teacher Leadership Roles

Room: 210 Session Type: BP
Objective: 8D

Four National Board Certified teachers will share how they support teacher candidates, serve their schools and peers as teacher-leaders, contribute to the improvement of student learning and have advanced their practice. This panel will provide perspectives on the teacher career continuum, what teacher leadership truly means, how teachers have transitioned into these roles and what the implications are for all stakeholders within education communities.

**Presenter(s):** Donna Brockman, NBCT, Kentucky Education Professional Standards Board, Frankfort, KY; Harrie Buecker, Director, Office of Educator Development and Clinical Practice; Louisville, KY; Lauren Hill, Teacher, NBCT, KDE, Frankfort, KY; and Elizabeth Popelka and Sarah Yost, Teachers, NBCT, Westport Middle School, Louisville, KY

## 60-MINUTE SESSIONS

### 174. What Makes a Great Exam?

Room: 208 Session Type: BP
Objective: 8E

Assessment plays an important role in validating student knowledge, program content and teaching methods. Understanding the development process for creating a valid exam is critical when developing formative quizzes or exams for your career and technical education program or considering third party credential providers. Join this interactive session to learn more!

**Presenter(s):** Tina Koepf, Product Development Coordinator and Mandy McCall, Project Coordinator, NOCTI, Big Rapids, MI

## 60-MINUTE SESSION

### 175. If You Build It, They Will Come

Room: 210 Session Type: BP
Objective: 1A

In this session, presenters from a large suburban high school will discuss how they aligned career pathways and career academies to business, industry and postsecondary partners. Discussion will also focus on why alignment is so important for a school's success in developing career academies as well as for students' work-based learning experiences.

**Presenter(s):** Tara Haynes, CTE Instructor; Monique Lee, Assistant Principal; Markita Spikes, Instructional Coach; and Eric Thigpen, Principal, South Gwinnett High School, Snellville, GA

### 176. Business Stand-Outs and CEOs: A Model for Business Excellence

Room: 216-217 Session Type: BP
Objective: 1B

It's a fact: More U.S. students will seek college degrees in business administration than any other area. Isn't it time we focused on these future leaders of American companies? Hear how two new initiatives, High School of Business and MBA High School Accreditation, are raising the bar in classrooms nationwide through rigorous course work, engaging real-world pedagogy and college credit options.

**Presenter(s)**: Lisa Berkey, Program Director, High School of Business, MBA Research and Curriculum Center, Columbus, OH

### 177. Connecting the Dots: Building Successful Industry/Education Partnerships

Room: 211 Session Type: BP
Objective: 1C

Presenters will discuss the development of a new program to build 21st-century skills in students and better relationships with business partners through specific activities, including Word of the Week, employability skills panel and mock interviews. Placing teachers in the "world of work" for summer internships to bring back real-life connections for their students will be discussed.

**Presenter(s):** Brenda Emerson, Education/Careers Coordinator; Jackie O'Hara, Career Coordinator; and Traci Pankratz, Literacy Specialist, Elkhart Area Career Center, Elkhart, IN

### 178. Career and Technical Education Information Technology — Ohio

Room: 212-213 Session Type: BP
Objective: 1E

In Ohio, the career and technical education Information Technology career field is divided into four pathways. Learn how we are meeting the workforce needs for our state. Items to be addressed include: What courses make up Ohio IT pathways, what credentials can be earned and how pathways are aligned with college and employment opportunities.

**Presenter(s):** Aaron Stewart, Education Program Specialist, Ohio Department of Education, Columbus, OH

### 179. Creative Curriculum Guides With LDC

Room: L1 Session Type: SC
Objective: 3A

Inclusion of the Literacy Design Collaborative (LDC) mini-task activities to daily instruction increases student engagement, productivity and academic achievement. District leaders will describe creation of a rigorous and literacy-rich curriculum guide that will meet requirements for the college, career and civic life framework for social studies and increase interdisciplinary instruction.

**Presenter(s):** Katrina Rouse, Social Studies Coordinator, Florence School District One, Florence, SC

## 60-MINUTE SESSIONS

### 180. LDC in Action: Implementation From the Middle Grades Perspective

Room: L4 Session Type: BP
Objective: 3A

In this session, participants will see how one middle grades school is making progress in its second year of Making Middle Grades Work implementation. Join three teachers as they share their triumphs and struggles in regards to the Literacy Design Collaborative (LDC) framework and LDC module creation. Teachers will also describe the impact it had on students' performance on classroom assessment and external exams.

**Presenter(s):** Amy Atler, English Teacher; and Parr Pitts and Jake Williams, Social Studies Teachers, Camdenton Middle School, Camdenton, MO; and Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA

### 181. Why You Need LDC in Your Elementary School

Room: L8 Session Type: BP
Objective: 3A

Think the Literacy Design Collaborative (LDC) is only for the middle grades and high school? LDC is vital in elementary grades to prepare students for the analyses that will make them career- and college-ready by the end of 12th grade. Learn how elementary schools have leveraged the power of LDC to design instruction that teaches elementary students how to learn from what they read and write.

**Presenter(s):** Jill Potts, School Improvement Consultant, SREB, Atlanta, GA

### 182. Fowl, Foul or FAL? Formative Assessments Prepare Students for Success

Room: L3 Session Type: BP
Objective: 3B

What is a FAL? Have you heard educators talking about a FAL and wondered if they were talking about a foul ball or a domesticated bird? This session will not only look at what the acronym stands for, but how formative assessment is essential to any classroom and collaborative planning team preparing students for college and careers beyond high school.

**Presenter(s):** Gail Snider, Independent Math Consultant, Harrison, AR

### 183. The Power of Activating Students as Owners of Their Learning

Room: L7 Session Type: BP
Objective: 3B

This session will focus on activating students as owners of their own learning. Participants will not only leave this session with strategies and techniques, but more importantly with a renewed excitement to begin creating a classroom that empowers students to take ownership of their learning and build their levels of achievement.

**Presenter(s):** Kimberly Goff, Math Consultant, SREB, Atlanta, GA

### 184. "FAL" in Love With Teaching Math!

Room: L9 Session Type: BP
Objective: 3B

Interested in learning about the Mathematics Design Collaborative's formative assessment lessons (FALs)? Join several teachers for interactive FAL math tasks as they discuss the trials and successes of a first-year academy school in Georgia. Math teachers will model the steps to developing formative assessments geared to transform student learning.

Presenter(s): Deborah White, Assistant Principal, Discovery HS, Gwinnett County Public Schools, Lawrenceville, GA

## 60-MINUTE SESSION

### 185. Building Digital Literacy With STEM

Room: L10 Session Type: BP
Objective: 3C

This session examines how our school fosters digital literacy in STEM courses by incorporating technologies such as GIS, 3-D design and printing, probeware, Google classroom, Canvas, and many others. We will present a rationale and explanation for how each of these fits into the overall scope of digital-literacy instruction.

**Presenter(s):** Laura Howard, Susan Rhodes, Tiffany Sellers and William Ward, Teachers, West Florence High School, Florence, SC

### 186. Increasing Staff Retention With Positive School Culture

Room: Cascade Ballroom A Session Type: BP
Objective: 3D

Teachers are a schools' greatest asset, becoming more valuable over the years. Maximize your resources by creating a positive school culture; teachers will be excited to work and feel connected to the school. Join us for tips and strategies to appreciate staff, creating an environment where staff want to teach.

**Presenter(s):** Jim Gross, Associate Vice President and Steph Jensen, Director, Boys Town, Boys Town, NE

### 187. The Revitalized Tutoring Center: A Guide to Transform School Culture

Room: 102 Session Type: DD
Objective: 3D

The presenters will engage participants in the core components of highly effective tutoring centers meant to close gaps and improve outcomes during the school day. We will explore the power of the model to transform school culture, cultivate a growth mindset, personalize learning and make the most of limited resources. Participants will study the "why" behind powerful tutoring centers.

**Presenter(s):** Jeremy Koselak, RTI Coordinator and Brad Lyall, Intervention Coordinator, Colorado Springs School District 11, Colorado Springs, CO

### 188. Do You C.A.R.E. About Your Students?

Room: 113 Session Type: BP
Objective: 3D

Learn about working with novice and experienced teachers to take a different approach with their teaching style and how to approach those difficult students in their class. C.A.R.E stands for "Changing your Attitude to Reach Everyone." Students are most impacted by those teachers who care about them academically and socially.

**Presenter(s):** Cleve Pilot, Assistant Principal, C.A. Johnson High School, Columbia, SC

### 189. Gap Closing Instruction in Action

Room: L2 Session Type: BP
Objective: 3D

Learn how one high school's schedule was adjusted to allow at-risk and at-level students extra-learning time, opportunities and support to achieve standards mastery. Our students receive more than just increased blocks of instructional time; they are able to move between multiple classrooms and teachers to have their needs met at any given moment in core instruction. Using research-based strategies, ALL students are showing tremendous growth.

**Presenter(s):** Jessica Harding, Math Instructor; Vince Lindsey, Principal; and Kirby Reed, Intervention Specialist, Massillon Junior High School, Massillon, OH

## 60-MINUTE SESSIONS

### 190. Data Driven Instruction: Analyzing Student Work

Room: L5 Session Type: BP
Objective: 4A

Why do we need to analyze student work? This process allows teachers to keep their fingers on the pulse of student progress and adjust teaching while learning is ongoing. It also eliminates the need to conduct an autopsy on past student performance after the opportunity for learning has passed.

**Presenter(s):** Dawn Perks, Independent Math Consultant, Burlington, NC; and Debra Robertson, Independent Math Consultant, DL Robertson Consulting, LLC, Pensacola, FL

### 191. Putting the Right Pieces Together to Support Student Achievement

Room: 109 Session Type: SC
Objective: 4A

Learn how the University of Alabama at Birmingham GEAR-UP (Gaining Early Awareness and Readiness for Undergraduate Programs) uses a collaborative approach to empowering the Black Belt region of the state. This session will highlight how organizations partnered together to support schools in using data to make instructional decisions for low-income background students.

**Presenter(s):** Jeff McClure, School Improvement Consultant, Pike County Schools, Troy, AL; Leah Rodgers, Vice President Professional Services, AdvancePath, Williamsburg, VA; and Veronique Zimmerman-Brown, GEAR-UP Alabama, Project Director, University of Alabama at Birmingham School of Education, Birmingham, AL

### 192. GPS for Success: Globally Positioning Our Region for Success

Room: 203-206 Session Type: SC
Objective: 4B

Learn how community and industry partners collaborate to help students research local careers. Work together to set up the core planning team and bring in cluster experts, create a timeline to break the project into phases, and develop a curriculum and a rollout plan. Learn how you can replicate this project, improve connections and contribute to economic development in your region.

**Presenter(s):** Dave Leavitt, School Improvement Consultant, SREB, Atlanta, GA; and Rachelle Romoda, Supervisor of Instruction, St. Lawrence-Lewis BOCES, Canton, NY

### 193. New York State Required Career Guidance

Room: 201 Session Type: BP
Objective: 4C

New York state schools have had a required P-12 school counseling initiative for decades. This informative session will focus on how middle grades schools in New York meet this career counseling requirement for all students. The requirement covers and involves school counselors and teachers.

**Presenter(s):** Dick Blais, Advanced Career Senior Advisor, SREB, Schaghticoke, NY

## 60-MINUTE SESSION

### 194. It Only Takes a Small Step to Initiate Change

Room: 106 Session Type: BP
Objective: 4D

This session is designed to share the story of how a medium, urban school began implementing an advisement program. Starting from inspiration at last summer's conference, this school conducted professional development and implemented a plan that utilized monthly advisement periods with students. This once-a-month change had a positive impact.

**Presenter(s):** Ted Gorman, Principal and Kimberly Masloski, Teacher, Steubenville High School, Steubenville, OH

### 195. We Believe You Can: Changing the AP Mindset Schoolwide

Room: 107 Session Type: BP
Objective: 5A

Learn how this school team increased AP achievement, enrollment and motivation in ONE year. The team will share ideas that were implemented to create vertical alignment, parental involvement and a new level of rigorous expectations. Gain insight into how the team made the AP program more approachable, accessible and passable in a low socioeconomic region.

**Presenter(s):** Brandon Cline, Katie Endicott, Josh Johnson and Beth Keatley, Teachers, Mingo Central High School, Williamson, WV

### 196. Culturally Relevant Pedagogy and Partnerships

Room: L6 Session Type: BP
Objective: 5A

In this session, participants will be engaged in a dialogue about strategies, programs and partnerships that work for minorities. There is no silver bullet for transforming classrooms, communities and schools to address the critical need of black male literacy. It takes a collaborative effort. Research and outcomes will be presented.

**Presenter(s):** Sabrina Bullock and Jamaal Hunter, Teachers, Robert C. Hatch High School, Uniontown, AL; Angelica Evans, Keith Middle/High School, English Teacher/Department Chair, Orrville, AL; and Jean Lee, Literacy Consultant and Kenneth Mason, Director, Urban Initiatives, SREB, Atlanta, GA

### 197. Recharting the Course: Putting Data in Students' Hands

Room: 103 Session Type: BP
Objective: 5B

This session will focus on two high school teachers who transformed the way students advocate for themselves by using data tracking and academic advising conferences. Participants will be exposed to different approaches to data tracking, templates for students and conferencing protocols for teachers. Presenters will present whole-class data and individual student testimonials.

**Presenter(s):** Marian Hubbard and Katie Nuss, Teachers, Fern Creek High School, Louisville, KY

## 60-MINUTE SESSION

### 198. Innovative Schools: Does Your District Support or Hinder Innovation?

Room: 218 Session Type: SC
Objective: 5C

A panel of district leaders will share how they redesigned district support for schools and why these changes were needed. Through a district professional learning community, a set of actions were created around supporting innovation, building capacity and communicating the vision. This redesign links career pathways to postsecondary in order for students to acquire the high-level skills they need for emerging jobs in Alabama.

**Presenter(s):** Steve Broome, Director, State Development for High School and Middle Grades and Allyson Morgan, School Improvement Consultant, SREB, Atlanta, GA; and Janet Hagood, Director, Federal Programs; Bobby Jackson, Director of CTE; Phyllis Montalto, Director of Curriculum; Shannon Stanley, Deputy Superintendent, Teaching & Learning; Anna Vacca, Deputy Superintendent; and Susan Wirt, Director of Exceptional Education, Jefferson County Schools, Birmingham, AL

### 199. PBL 101: For Those About to Rock!

Room: 219 Session Type: BP
Objective: 6B

Unlock the basic elements of what should be included in any high-quality, project-based learning (PBL) experience and learn how to grow, improve and enhance your skills as a teacher-leader or administrator. For those new to true PBL, this session will help overcome the fear of the unknown and provide a simple step-by-step process to follow.

**Presenter(s):** Gary Wrinkle, Lead Consultant, School Improvement, SREB, Atlanta, GA

### 200. Brick House Versus Brick House: A School Culture Showdown!

Room: 115 Session Type: BP
Objective: 7D

Can a school really get all students to complete all assignments and do quality work? Would you believe two schools accomplished this feat? Break out your copy of "Dueling Banjos" as things get heated between two instructional leaders as they debate "WHICH 'BRICK HOUSE' HAS THE BEST SCHOOL CULTURE?" Winner takes all!

**Presenter(s):** Cory Crosnoe, Principal, Jackson Junior High, Jackson, MO; and Sherri Nelson, Director of Instruction, Huron School District, Huron, SD

### 201. A Mouse Is Not a Digital Pencil!

Room: 214-215 Session Type: BP
Objective: 8A

Teachers have largely replaced traditional pencil and paper with iPads and Chromebooks. However, technology alone does not increase higher-order thinking and student engagement. Learn about the SAMR model (substitution, augmentation, modification and redefinition), a continuum for spiraling curricula through meaningful assignments and authentic applications.

**Presenter(s):** Jeanette Hodges, Literacy Consultant, Jeanette Hodges, Educational Consulting, Taylor Mill, KY

## 60-MINUTE SESSION

### 202. Making Rigorous Content Accessible to All: Administrator "Look- Fors"

Room: 208 Session Type: BP
Objective: 8A

How can administrators support today's educators as they are challenged with making rigorous content accessible to all? Participants will be provided a list of "look-fors" for administrators and school leaders to use as they support students and teachers. Discussions will center around the commonalities found across the content areas.

**Presenter(s):** Tammy Jones, Consultant, TLJ Consulting Group, LLC, Lebanon, TN; and Leslie Texas, Consultant, Leslie Texas Consulting, LLC, Louisville, KY

### 203. Designing School Leadership Teams

Room: 207 Session Type: BP
Objective: 8C

Effective leadership teams focus on what is, what ought to be and how to get there. Team members examine data, identify challenges, come to consensus on the need to change and recommend actions. This session will overview the components of creating leadership teams within your school and how to design solutions to difficult problems.

**Presenter(s):** Lynda Jackson, Director, TCTW, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 204. Oops, My Bad! I Need an SLC Do-Over

Room: 112 Session Type: BP
Objective: 8D

Many large high schools have found greater instructional efficiency by adopting the small learning community (SLC) model. As an established career high school moving to adopt the SLC model, teachers and teacher-leaders wished they could have known then what they know now. Come to this session and avoid common pitfalls during the transitional phase of an SLC.

**Presenter(s):** Crissy Franco, Christopher Lee and Markeba Warfield, SLC Principals, Dubiski Career High School, Grand Prairie, TX

## 120-MINUTE SESSIONS

### 205. "Muscle" Your Way Into Successful Health Science-STEM Careers

Room: L11 Session Type: DD
Objective: 1D

In this session, participants will revisit the basic rules of muscle form and function in a unique way that engages all learning styles for maximum retention. We will build muscles in clay on a "living skeleton" model, showing the importance of good framework and synergy of the human body. This inquiry-based learning system is a great way to integrate STEM practices into biomedical and health-care classrooms.

**Presenter(s):** JP Theriault, Anatomy in Clay Learning System, Zahourek Systems, Loveland, CO

### 206. How Can Teachers Change a Classroom?

Room: L4 Session Type: DD
Objective: 3A

Learn how teachers led students in creating a Holocaust museum project using the Literacy Design Collaborative (LDC) process. This multi-grade LDC project created positive feedback from parents, teachers and community members. Download a QR Code Reader app to your smart device and come ready to experience meaningful learning that can change a classroom.

**Presenter(s):** Linda Bybee-Kapfer and Melissa Jackson, English Teachers; and Catherine Flanigan-Brick, Instructional Coach, Camdenton High School, Camdenton, MO; and Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA

### 207. Middle Grades Math Unit Design

Room: L7 Session Type: DD
Objective: 3B

We will explore ways to meet the curriculum and instructional requirements of college- and career-readiness standards for middle grades mathematics. Participants will examine how Mathematics Assessment Project (MAP) formative assessment lessons and next generation assessment items connect to reveal grade-level content and math practices expectations while serving as anchors for unit design.

**Presenter(s):** Donna Farmer, Independent Math Consultant, Resources for School Improvement, LLC , Prospect, KY

### 208. Exploring Teacher Identity: Race, Class and Gender in the Classroom

Room: 103 Session Type: DD
Objective: 5B

Participants will engage in activities immediately transferable to their classrooms through the simulation of an identity-safe classroom. In a series of activities from the four domains of learning — personal, social, cognitive and active — attendees will explore their teaching identities and connect their experiences to theories of student identity formation.

**Presenter(s):** Martha Caldwell, Director/Teacher, Paideia School, Atlanta, GA

## 120-MINUTE SESSIONS

### 209. The Message From "Most Likely to Succeed"

Room: Conference Theater Session Type: DD
Objective: 6D

"Mostly Likely to Succeed" is a film about school, its past and its future. The film inspires audiences with a sense of purpose and possibility and is bringing school communities together in reimagining what our students and teachers are capable of doing. The film will be used to introduce 21st-century design principles in redesigning schools to meet education needs as shown in the documentary. Participants will walk away with an action plan to be used at their school.

**Presenter(s):** Cena Davis, School Improvement Leadership Trainer, Career Pathway Programs of Study, SREB, Atlanta, GA; and Linda Moyer, Independent Consultant, Enhanced PBL in Career Pathways, Murphy, NC

### 210. Improve Your ABC's: Achievement, Behavior and Climate Engaging All Students

Room: 115 Session Type: DD
Objective: 8C

This multimedia session provides evidence-based solutions and hands-on knowledge for improving school climate and culture around the challenge of increasing attendance, attitude and achievement. The presenters will share research, evidenced-based strategies and tools they used to accumulate a more than 90 percent graduation rate for two decades and graduate 100 percent of black males in 2012.

**Presenter(s):** Michael Keitt, Guidance Administrator, Richland One Middle College, Columbia, SC; Robert Kirton, Adjunct Professor, South Carolina State University, Columbia, SC; and Andre Thompson, Art Director, Andre Enterprises LLC, Atlanta, GA

## FEATURED SPEAKERS

Bert Simmons

### 211. Classroom Management That Works: Positive Behavior Management

Room: Cascade Ballroom B Session Type: BP
Objective: 5C

Develop and implement a classroom management plan that reinforces positive behavior and dissuades negative behavior. Participants will be taken through the process that keeps students in school, in class and on task. These strategies free teachers from everyday discipline challenges leaving more time for instruction resulting in greater academic success.

**Presenter(s):** Bert Simmons, Founder, Consultant and Trainer, The Education Company, Decatur, GA

Robert L. Canady

### 212. Middle Grades Schedules: Student Support and Extended Teacher Planning Time

Room: 109 Session Type: BP
Objective: 7D

Based on 2015 NAEP scores, more than 50 percent of students entering grade nine are unprepared for high school. Several types of schedules will be illustrated that extend instructional time for math and language arts, along with an EEE (Extended, Enrichment and Elective) period. Learn how a master schedule can be altered to reduce "failing time."

**Presenter(s):** Robert Lynn Canady, Administrative Consultant, Canady Consulting, Charlottesville, VA

David Shepard

### 213. Making Instructional Leadership More Important

Room: Cascade Ballroom C Session Type: BP
Objective: 8D

This session will look at leadership roles and how changing priorities could help teachers become more effective. If instruction improves, then student achievement will follow. Many ideas, tools, forms and processes needed to change your emphasis from management to instructional leadership will be shared.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY

## 60-MINUTE SESSIONS

### 214. Are Your Students Ready? Postsecondary Education and the Workforce

Room: 212-213 Session Type: BP
Objective: 1A

This session will focus on building bridges from high school to postsecondary education and the workplace by creating rigorous, relevant career pathways driven by labor market demand. We will focus on the need to complete a college-ready academic core and a concentration that provide the foundational learning skills needed to earn credentials and secure good jobs.

**Presenter(s):** Debra LaMothe, Independent Consultant, Ponte Vedra, FL

## 60-MINUTE SESSIONS

### 215. Supporting Success With Employer Engagement: Five Strategies

Room: 208 Session Type: BP
Objective: 1C

The session will provide five strategies that expand opportunities for students to engage with community and business leaders to address career goals. This school has used the career academy structure to provide students with various opportunities to gain work-based experiences, including mentoring, internships and community-based events.

**Presenter(s):** Ivy Alford, Director of State Services for School Improvement, SREB, Atlanta, GA; and Dana Brown, Principal, Mountain Home High School, Mountain Home, AR

### 216. Bridging the Computer Science Opportunity Gap

Room: 209 Session Type: BP
Objective: 1E

Computer science builds high-level literacy, math and problem-solving skills — lifelong learning skills — that hold value in every discipline, industry and profession. This session will highlight five actions schools, districts and states can take to help more young people — especially girls and minorities — learn computer science across the K-12 spectrum, explore exciting careers in computing fields and get on accelerated pathways to those careers.

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

### 217. Engaging Postsecondary and Industry Partners

Room: Exhibit Hall 1AB Session Type: SC
Objective: 2A

It is essential to engage postsecondary and business/industry partners to improve curricula and increase student opportunities. We have engaged postsecondary for curriculum development, professional development and project-based learning opportunities. Industry partners offer internships, job shadowing and career exploration. Come hear how we did it!

**Presenter(s):** William Hook, Principal, Chicago High School for Agricultural Sciences, Chicago, IL

### 218. Cupcake Wars: Project-Based Learning Aligned With Business

Room: 216-217 Session Type: BP
Objective: 2C

Learn how a culinary arts teacher built a relationship with a local cupcake franchise to design a project mirroring workplace problem solving. This collaboration not only authenticated the process for students but evolved into a partnership on the franchise's advisory board. The publicity from the winning recipe on the local franchise menu has served as a catalyst for recruitment in the culinary program.

**Presenter(s):** Paula Shute, Culinary Arts Instructor, Dothan Technical Center, Dothan, AL; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 219. Using Inquiry to Develop Advocacy and Activism in the Classroom

Room: 102 Session Type: BP
Objective: 3A

In the face of tragedy and injustice, how do we contribute our voices to the subjects of racism and social justice in our classrooms? This presentation will demonstrate how the Literacy Design Collaborative (LDC) supports inquiry in our schools to address questions around social justice.

**Presenter(s):** Barbara Moore, School Improvement Consultant, SREB, Atlanta, GA; and Stephanie Roederer, Teacher, Jefferson County Public Schools, Louisville, KY

## 60-MINUTE SESSIONS

### 220. Boosting Rigor With Questioning

Room: L2 Session Type: BP
Objective: 3A

The presenter will give an introduction to useful tools: depth and complexity icons. Participants will learn how the icons enhance learning and help students focus, develop questioning skills and reach a deeper level of content and textual understanding. This tool can easily be embedded into the reading process and transitioned to the writing process of any LDC module to increase instructional rigor.

**Presenter(s):** Pam Purcell, Literacy Consultant, SREB, Atlanta, GA

### 221. Building Capacity Through MDC: Teaching Teachers to Fish

Room: L10 Session Type: SC
Objective: 3B

Follow the journey of two instructional coaches from a large district as they implemented the Mathematical Design Collaborative (MDC) in 15 schools with more than 100 teachers. This session will address the importance of empowering teachers to build capacity within their schools to improve instructional practices through MDC strategies to increase student achievement.

**Presenter(s):** Kanna Edison and Kelly Hagan, Content Goal Clarity Coaches, Jefferson County Public Schools, Louisville, KY

### 222. College- and Career-Readiness Strategies for Second Language Students

Room: L3 Session Type: BP
Objective: 3D

Sheltered Instruction Observation Protocol (SIOP) strategies are research-based strategies with proven outcomes to increase student achievement for not only second language students, but all learners. Participants will explore and practice a variety of SIOP strategies to promote engagement, critical thinking and academic language development.

**Presenter(s):** Pamela Broome, Literacy Consultant, SREB, Atlanta, GA

### 223. Getting Ready in Mississippi

Room: 201 Session Type: BP
Objective: 3D

Participants will learn how Mississippi has adopted SREB's Ready for College courses, Literacy Ready and Math Ready, to better prepare students for college-level studies. Presenters from the Mississippi Department of Education will share the story of creating a readiness program in Mississippi, including lessons learned along the way and future plans.

**Presenter(s):** Marla Davis, Bureau Director and Jean Massey, Executive Director, Mississippi Department of Education, Jackson, MS; and John Squires, Director, High School to College Readiness Program, SREB, Atlanta, GA

### 224. Battleships, Shuffleboard and Problem Solving: Find the Connection

Room: L1 Session Type: BP
Objective: 4A

Participants will experience innovative activities that reinforce algebraic concepts such as solving systems of equations by graphing, writing equations, graphing nonlinear functions and calculating measures of central tendency. Session attendees will do this by mastering "competition at sea:" Playing Battleship and shuffleboard, and testing their reaction times!

**Presenter(s):** Claudia Maness, President, CORD Communications, Waco, TX

## 60-MINUTE SESSIONS

### 225. Never Have I Ever: Mathematical Vocabulary in Grades Three to Five

Room: L5 Session Type: BP
Objective: 4A

Participants in this interactive, game-show format presentation will explore common terminology used by math teachers in grades three through five that fail to deepen student understanding to the level required by the career- and college-readiness standards. Brainstorm strategies leading to a deeper understanding of math and preparation for higher-level mathematics in the middle grades.

**Presenter(s):** Jason Adair, Mathematics Consultant, SREB, Atlanta, GA; and Paige Graiser, Independent Math Consultant, SREB, Brunswick, GA

### 226. Making Words Count: Structured Conversations for the Classroom

Room: L6 Session Type: BP
Objective: 4A

Do your students have the skills to engage in quality classroom discussions? This session will provide teachers with methods for ensuring that students engage in meaningful, content-driven conversations. We will demonstrate several strategies aimed at teaching students the art of "accountable talk."

**Presenter(s):** Jean Lee, Literacy Consultant, SREB, Atlanta, GA; and Juliana Thompson, Administrator/LDC Coach, Roanoke Rapids Graded School District; and Wendy Sass, English Teacher, Roanoke Rapids High School, Roanoke Rapids, NC

### 227. Counseling for Careers: The Path to a Successful Future

Room: 219 Session Type: DD
Objective: 4B

The seven essential strategies of Counseling for Careers (C4C) establishes the ground work for career pathway selection. The effort includes classroom instruction relevant to the workforce; advisement, where every students has a mentor; successful transition efforts; and education and career exploration. Join this interactive, data-driven session to become familiar with C4C and career pathways.

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers and Dale Winkler, Special Assistant to the Senior Vice President, SREB, Atlanta, GA

### 228. Recruiting for CTE Programs

Room: 218 Session Type: BP
Objective: 4E

One definition of insanity is doing the same thing over and over and expecting different results. Are you at the mercy of sending schools or schedulers who send students just to fill in their schedules? Are recruitment efforts not as effective as you would like? This session will explore some "out-of-the-box" strategies for recruitment. Bring your own success stories and share best practices with others.

**Presenter(s):** Carolyn Helm, TCTW Lead Specialist, SREB, Atlanta, GA

### 229. Deficiency to Proficiency: RTI Strategies From One Urban High School

Room: 107 Session Type: BP
Objective: 5B

See how this high school provides tiered interventions for students with amazing results: Increased student engagement; decreased failure rates; and strengthened collaboration between students, teachers and their families. The systemic RTI approach includes in-class and out-of-class interventions for all teachers in all content areas.

**Presenter(s):** Jarrod Hunt, Administrative Intern and Ann Washbish, Teacher, Fern Creek High School, Louisville, KY

## 60-MINUTE SESSIONS

### 230. Personalized Learning in CTE for Students With Special Needs

Room: 207 Session Type: DD
Objective: 5B

Enrolling in career and technical education (CTE) makes it more likely that all students, including those with disabilities, will complete the academic requirements necessary to graduate from high school. This session will provide CTE educators with strategies for ensuring students with disabilities are successful in academic, technical and employability skills in CTE courses.

**Presenter(s):** Brittney Howell, Special Education Director, Dayton Independent Public Schools, Dayton, KY; and Lynda Jackson, Director, TCTW, SREB, Atlanta, GA

### 231. That's a Wrap! Structuring for Powerful Lesson Closures

Room: 116 Session Type: BP
Objective: 5C

For students to effectively connect new learning to existing knowledge, we must provide engaging ways to process the new information. Processing is active mental engagement with the content: Thinking, analyzing, connecting to prior knowledge and formulating questions. This session will explore ways for students to interact, organize, apply, analyze, synthesize and evaluate content.

**Presenter(s):** Melanie Willette, International Trainer and Coach, Kagan Professional Development, San Clemente, CA

### 232. Building a NEST: Individualized Learning Program for Student Success

Room: 112 Session Type: BP
Objective: 5D

Explore how our staff began an individualized tutoring program. We will share how our school builds time within the school day to provide consistent delivery of support through social and academic development. The presentation will focus on how a school can start such a program, establish and monitor goals, and enhance the roles of the student and teacher.

**Presenter(s):** Corey Murphy, Principal and Jennifer Woods, Assistant Principal, Beaufort High School, Beaufort, SC

### 233. Using SREB's Teaching to Lead Program to Prepare New CTE Teachers

Room: 202 Session Type: BP
Objective: 6A

The benchmark points of West Virginia's Teaching to Lead program (specific planning; instructional, assessment and management strategies; lessons learned by the director and facilitators; and implications for program improvement) will be shared. Learn about the factors states and districts exploring a similar implementation model should consider.

**Presenter(s):** Paula Egelson, Director, Research, SREB, Atlanta, GA; and Brenda Tuckwiller, Chair, Teacher Training, WVU Institute of Technology, Clintonville, WV

### 234. Taking It to the Streets

Room: 113 Session Type: SC
Objective: 6B

Learn how one school created its own version of the HSTW Staff Development Conference for its school district to share ideas, improve teachers' craft and improve student achievement. We are working on our third annual fall conference for the 2016-17 school year!

**Presenter(s):** Bryce Hibbard, Principal and Amanda McFarland-Smith, Teacher, Southern High School, Louisville, KY; and Randi Stearman, Goal Clarity Coach, Moore Traditional School, Louisville, KY

## 60-MINUTE SESSIONS

### 235. Authentic Writing Products Verses Projects/Extensions

Room: L8 Session Type: DD
Objective: 6B

Learn about reading, writing, speaking and listening strategies to design project-based learning and/or Literacy Design Collaborative (LDC) assignments. In addition, the presenters will introduce participants to the difference in authentic writing products versus a project and how a project can become the extension within an LDC module.

**Presenter(s):** Clara Clark, School Improvement Consultant, SREB, Atlanta, GA; and Twyla Coleman, Independent Literacy Consultant, Clovis, NM

### 236. System Forward in West Virginia District

Room: 211 Session Type: BP
Objective: 7A

See how the largest West Virginia district is strategically adopting the SREB frameworks and transforming the way teachers teach and students learn. The process has resulted in both technical centers becoming active TCTW sites, and six high schools becoming active HSTW sites. Advanced Career programs offered in both technical centers and four high schools, and LDC and MDC have been implemented.

**Presenter(s):** Mark Milam, Assistant Superintendent, Kanawha County Schools, Charleston, WV

### 237. We Are a Team: Now What?

Room: 214-215 Session Type: BP
Objective: 7B

Learn how to progress from team formation to high performance. Be it middle grades teams, career academy teams, ninth-grade teams or even content teams, formation does not ensure success. Teams must go through a growing process that leaders support through expectations and sufficient time. Participants will learn best practices of high-performing teams and actions school leaders have taken to get them to that level.

**Presenter(s):** Scott Warren, Director of State Initiatives, SREB, Atlanta, GA

### 238. Transforming Career Counseling: Bridging School to Career

Room: 106 Session Type: BP
Objective: 7C

Learn about a new, employer-led effort in cooperation with the National Career Development Association (NCDA) to build a new cohort of NCDA-certified career development advisors in every U.S. high school. These cohorts would serve to liaison with the employer community and help all students prepare personalized career and education plans.

**Presenter(s):** Leo Reddy, CEO, Manufacturing Skill Standards Council, Alexandria, VA; and Brian Montalvo, Board Member, National Career Development Association, Boca Raton, FL

### 239. You Can't Make This Stuff Up

Room: L9 Session Type: BP
Objective: 8A

Bringing new ideas, concepts and structures into a school is a daunting task. Hear a principal's point of view on how the Literacy Design Collaborative and the Mathematics Design Collaborative have played into one West Virginia county's Interim Comprehensive Assessments. The presenter addresses the topic with candor and humor and will describe changes in school practices and student learning that are occurring.

**Presenter(s):** Debbie Hall, School Improvement Consultant, SREB, Atlanta, GA; and Kathi Schmalz, Principal, Magnolia High School, New Martinsville, WV

## 60-MINUTE SESSIONS

### 240. Classroom Culture: The Right Conditions for Learning

Room: 210 Session Type: BP
Objective: 8A

For students to learn, classrooms need a culture focused on learning. Conditions for learning set a framework for class culture that engages students through effective teaching practices. Session presenters will provide conditions and examples of effective teaching practices in various content areas within that framework.

**Presenter(s):** Sarah Mahurt, Consultant and Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA

### 241. Developing Effective Interdisciplinary School Leadership Teams: Improving Students Readiness for Work and Postsecondary Studies

Room: 203-206 Session Type: BP
Objective: 8C

Change — no matter how positive the outcome — cannot be imposed from above. Those who feel the impact of change must be involved from the beginning. Learn how to empower stakeholders to be agents of change and establish a team structure to enable teachers, administrators, students, parents and community leaders to contribute to change in a meaningful way.

**Presenter(s):** Dave Leavitt, Independent Consultant, Albany, NY

## 60-MINUTE SESSIONS

### 242. Power of ICU: Proven Formula for Student Success

Room: Cascade Ballroom A Session Type: DD
Objective: 8E

Completion + Quality Assignments + Healthy Grading = Student Success. If you believe students should complete all assignments, do quality work and learn the standards, then this session is for you! The author of Power of ICU and Brick House will inspire participants to defeat apathy and increase student achievement by building an infrastructure pulling together proven educational practices.

**Presenter(s):** Danny Hill, Retired Principal/Consultant, Power of ICU, Lebanon, TN

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 243. Engagement + Rigor = Success

Room: L15 Session Type: MS
Objective: 1B Table: 1

The LDC framework can increase rigor and deepen understanding. Learn how to write effective mini-tasks leading to an exemplary writing product and student success.

**Presenter(s):** Anna Walden, 7th Grade Social Studies/LDC Lead Teacher, Florence School District One, Florence, SC

### 244. Helping Students Move On When Ready!

Room: L15 Session Type: MS
Objective: 2D Table: 2

Learn how one district has partnered with several postsecondary institutions using Georgia's Move On When Ready to provide opportunities for students to begin preparation for a technical college or university while in high school.

**Presenter(s):** Tim Hemans, Instructional Coach and Jody Reeves, Executive Director, Academies and CTE, Gwinnett County Public School, Suwanee, GA

### 245. LDC Across the Curriculum: Social Studies, Science and ELA Collaboration

Room: L15 Session Type: MS
Objective: 3A Table: 3

LDC enhances instruction across subject areas. Hear three teachers from a West Virginia high school describe their journey through implementing an LDC module collaboratively in their content areas.

**Presenter(s):** Garrett Burdette, Science Teacher; Kristen Griffith, ELA Teacher; and Jennifer Sanney-Iams, Social Studies Teacher, Nitro High School, Nitro, WV

### 246. Using MDC to Engage Students in Problem Solving Without Fear

Room: L15 Session Type: MS
Objective: 3B Table: 4

The presenter will show how using MDC's problem-solving formative assessment lessons will assist participants in engaging students and enabling them to persevere in finding paths to solutions.

**Presenter(s):** Mark Feeley, Independent Math Consultant, North Myrtle Beach, SC

### 247. Incorporating MDC Into Your Curriculum

Room: L15 Session Type: MS
Objective: 3B Table: 5

Review the pitfalls and successes the presenter encountered when implementing MDC with her students. She will highlight her experience as a first-year teacher and her plans for the upcoming school year.

**Presenter(s):** Julie Jacob, Teacher, North High School, Akron, OH

### 248. Breaking Up the Block

Room: L15 Session Type: MS
Objective: 3C Table: 6

Discover how to implement routines and procedures into your daily lessons that will make your students and you wonder how the class period passed so quickly.

**Presenter(s):** Cary Nadzak, Teacher, Charleston County Schools, North Charleston, SC

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 249. Black Male Success in Urban Schools: Pop Culture

Room: L15 Session Type: MS
Objective: 3D Table: 7

Learn how educating social service professionals about the social and psychological issues that affect urban teens leads to providing models to bolster student achievement.

**Presenter(s):** Tony Johnson, Career and Technical Education State Director, D.C. Office of the State Superintendent of Education, Washington, DC

### 250. Using Media Savvy Students to Promote Learning Communities

Room: L15 Session Type: MS
Objective: 4B Table: 8

See how one high school has developed a media program in which its tech savvy audio/video production students continuously promote its four different learning communities.

**Presenter(s):** Michael Dudas, Media Arts Coach, Galveston ISD, Galveston, TX

### 251. Hornet's Nest: "Enter and Enjoy the Sting" (Career Day Twist)

Room: L15 Session Type: MS
Objective: 4D Table: 9

Are you looking to redesign traditional career fairs and job shadowing opportunities? This session will share strategies that provide ongoing career exploration opportunities for students and parents.

**Presenter(s):** Chastity Hanton, JAG Specialist/Job Coach and Eric Scriven, Career Specialist, C.A. Johnson High School, Columbia, SC

### 252. Advancing Career Readiness Through 21st-Century Skills Development

Room: L15 Session Type: MS
Objective: 5A Table: 10

This panel presentation will focus on how a collaborative effort by faculty and staff effectively implemented a student professional development workshop for an entire CTE center.

**Presenter(s):** Sara Buckles, Engineering Instructor; Cory DeVaul, Law Enforcement Instructor; Ginger McCabe, Computer Engineering Instructor; and Rachel Mormino, Health Science Instructor, Career and Technology Center at Fort Osage, Independence, MO

### 253. Students Bored? Creating Student-Centered Learning in Science

Room: L15 Session Type: MS
Objective: 5A Table: 11

Join two science teachers as they describe how they developed a new curriculum focused on student-centered learning in biology and physical science. See examples of student-centered formative and summative assessments.

**Presenter(s):** Dee Pukl and Kate Rohrbach, Science Teachers, White Knoll High School, Lexington, SC

### 254. Digital Portfolios: Uniting for College and Career Readiness

Room: L15 Session Type: MS
Objective: 5A Table: 12

This session will focus on a senior capstone project: A digital, web-based portfolio developed and used at a shared-time center. Rationale, set-up and examples of the project will be shared.

**Presenter(s):** Nichole Tews, Teacher, Cass Career Center, Harrisonville, MO

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**255. Making Standards-Based Grading Work for You**

Room: L15 Session Type: MS
Objective: 5C Table: 13

This presentation will focus on practical strategies for implementing a standards-based grading system to create more reflective and engaged learners.

**Presenter(s):** Lauren Stewart, Science Teacher, Sylvania Northview High School, Sylvania, OH

**256. Where Do World Languages Fit in the Academy Model?**

Room: L15 Session Type: MS
Objective: 7B Table: 14

Through this presentation, participants will explore the role of the world language classroom in HSTW and how teachers can collaborate with academy and/or core teachers.

**Presenter(s):** Lesa Howell, Academy Teacher, South Gwinnett High School, Snellville, GA

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**257. Building a Culture of Collaboration in Schools**

Room: L15 Session Type: MS
Objective: 8D Table: 15

Building teachers' expertise around project-based learning pedagogy, through relevant and collaborative professional learning, has sparked a dramatic shift in teaching and learning at one high school.

**Presenter(s):** Paul Sutton, Visiting Assistant Professor of Education, Pacific Lutheran University, Tacoma, WA

## FEATURED SPEAKERS

David Shepard

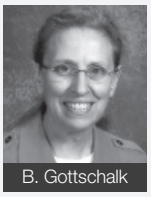
### 258. Addressing At-Risk Students With Active Teaching Strategies

Room: Cascade Ballroom C Session Type: DD
Objective: 3D

In meeting the needs of at-risk students, educators sometimes ignore an obvious problem: Instruction, not content, is where students become lost and frustrated. Exceptional educators recognize all students must be actively engaged to reach their maximum potential. This session will review, teach and practice 25 active teaching strategies that can help any teacher or student.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY

## 60-MINUTE SESSIONS


B. Gottschalk

### 259. Addressing Misconceptions About English Language Learners

Room: 109 Session Type: BP
Objective: 5B

How can schools help English language learners succeed? The presenter, a teacher with experience teaching English language learners from kindergarten to college, will address misconceptions about this diverse population. If you teach at one of the nearly 75 percent of public schools that enroll at least one English language learner, this session's for you.

**Presenter(s):** Barbara Gottschalk, English Language Acquisition Teacher, Warren Consolidated Schools, Troy, M

Thomas Glanton

### 260. So You Want to Be an Administrator

Room: Cascade Ballroom B Session Type: SC
Objective: 8D

The session will focus on implementing leadership development that will recruit, train, place and support principals and aspiring administrators. Information provided will assist administrators in developing knowledge, skills, attitudes and aspirations required to become effective school and community leaders.

**Presenter(s):** Thomas Glanton, President, The Education Company, Decatur, GA

## 60-MINUTE SESSIONS

### 261. Building a Workplace Environment

Room: 216-217 Session Type: BP
Objective: 1A

Designing and implementing projects that mirror problem solving and troubleshooting in the workplace prepares students to not only enter the workforce but to explore postsecondary options and related occupations. This session will showcase how a diesel technical instructor is developing that environment, and a recently graduated student will share their experience.

**Presenter(s):** Michelle Muckenthaler, 2016 Diesel Technical Graduate and Frank Stafford, Diesel Technical Instructor, Northland Career Center, Platte City, MO; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 262. Aligning K-12 Students to Regional Career Needs

Room: Exhibit Hall 1AB Session Type: BP
Objective: 1B

Learn how one school district, in partnership with Battelle for Kids, Tennessee College of Applied Technology Centers, MSSC and NCCR, established a pilot program to introduce certificate earning power for students behind on graduation requirements. The program sparked an interest in both career and technical education students and other students wanting to work directly from high school.

**Presenter(s):** Allen Pratt, 9-12 Curriculum, Marion County Schools, Jasper, TN

### 263. Labor Market Trends and the Future of CTE

Room: 202 Session Type: BP
Objective: 1C

The labor market is increasingly affected by a number of trends including the rise of the modern worker, the impact of robotics and artificial intelligence, and the changing nature of work itself. This session will explore the trends and implications for career and technical education, work-based learning and career pathways.

**Presenter(s):** James Stone, Director, NRCCTE at SREB, Atlanta, GA

### 264. Standards-Based Computer Science: Resources for Elementary, Middle Grades and High Schools

Room: 209 Session Type: BP
Objective: 1E

Many schools struggle to identify and implement rigorous curricula that teach computer science and computational thinking skills. The presenter will share examples of well-supported, standards-based, low- or no-cost K-12 curricula reviewed by SREB's Commission on Computer Science and Information Technology and introduce participants to resources they can use to identify, adopt or develop high-quality standards-based curricula on their own.

**Presenter(s):** Kirsten Sundell, Director, Product Development and Communications, SREB, Atlanta, GA

### 265. MSSC Certified Production Technician (CPT) Profile

Room: 106 Session Type: BP
Objective: 2B

The Manufacturing Skill Standards Council CPT program will be profiled by a Louisville, Kentucky, high school and a leading company. Overviews include a secondary example that embeds CPT courses within the manufacturing engineering technology pathway of study, company recognition, and use of CPT in hiring and training programs.

**Presenter(s):** Debbie Anderson, Teacher, Doss High School Magnet Career Academy, Louisville, KY; Ashton Bissmeyer, Learning Development Manager, GE Appliances, Louisville, KY; and LeeSa Page, Senior Advisor, Manufacturing Skill Standards Council, Alexandria, VA

### 266. Senior Capstone Project: A Forest Management Plan

Room: 203-206 Session Type: BP
Objective: 2C

Hear how a career and technical education (CTE) teacher of environmental conservation and forestry in a two-year, shared-time CTE center has utilized her training in project-based assignments to develop a major capstone project for second-year students. The project development and outline will be described during this session.

**Presenter(s):** Kim Brown, Environmental Conservation Forestry Teacher, Jefferson-Lewis BOCES, Glenfield, NY; and Dave Leavitt, School Improvement Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 267. Less Truly IS More: Creating Text-Dependent Questions

Room: L9 Session Type: BP
Objective: 3A

Rigor involves close reading rather than more reading. Designing an effective set of text-dependent questions to delve systematically into a meaningful piece of text will guide students to extract key ideas. This close reading approach will also train students to internalize the process to become independent learners and thinkers.

**Presenter(s):** Jeanette Hodges, Literacy Consultant, Jeanette Hodges, Educational Consulting, Taylor Mill, KY

### 268. What Goes Around... Colleague Collaboration Circles

Room: L3 Session Type: MS
Objective: 3B

Colleagues possess a wealth of problem-solving knowledge based on experience. Colleague circles use the procedure of practice protocol to provide an opportunity to access that knowledge to identify and offer solutions for a specific problem. Teacher-leaders striving to introduce the Mathematics Design Collaborative to their schools or districts face obstacles that others have already overcome.

**Presenter(s):** Gail Snider, Independent Math Consultant, Harrison, AR

### 269. I Have an iPad, Now What Do I Do With It? A Primer on Tablets

Room: 211 Session Type: BP
Objective: 3C

iPads are magical devices, changing the way we educate our students. This interactive presentation will focus on a beginner's guide to tablets and using them for more than just e-books. The presenter has been applying creative ways to incorporate Bloom's Taxonomy and other educational methodologies with this revolutionary device since it first launched. For beginner and intermediate audiences.

**Presenter(s):** Nai Wang, Founder & President, KP Education Systems, Phoenix, AZ

### 270. Positive Alternatives to Suspension

Room: Cascade Ballroom A Session Type: BP
Objective: 3D

Suspensions and expulsions are ever increasing, affecting our schools and communities in many destructive ways. Kids who are suspended lose out on teaching time and the benefits of the school community. Join us to learn the importance of implementing a positive alternative to a suspension program in your school.

**Presenter(s):** Jim Gross, Associate Vice President and Steph Jensen, Director, Boys Town, Boys Town, NE

### 271. Divergent Thinking Supported by Problem Solving

Room: L5 Session Type: BP
Objective: 4A

For students to be successful in college and careers, they must become proficient problem solvers. How can teachers develop and nurture this? Good problem solvers are divergent thinkers and have the ability to see multiple paths to success. Problem-solving formative assessment lessons provide teachers ready-to-use resources to encourage and develop students' "out of the box" thinking.

**Presenter(s):** Debra Robertson, Independent Math Consultant, DL Robertson Consulting, LLC, Pensacola, FL

## 60-MINUTE SESSIONS

### 272. Sowing the Seeds of STEM

Room: 107 Session Type: BP
Objective: 4B

Today's world delivers advanced technologies at lightning speeds. With that comes an exponential growth in STEM fields. How can educators prepare middle grades and high school students without providing background on the emerging fields? Learn various strategies to attract and grow a diverse range of students into these in-demand career fields.

**Presenter(s):** Kimberly Clavin, Engineering and Learning Consultant, Pillar Technology, Columbus, OH

### 273. Blended Learning: Empower With Ownership, Choice and Control

Room: L10 Session Type: BP
Objective: 5A

Blended learning is a pedagogical approach in which a student learns, in part, through delivery of content and instruction via digital and online media, with some element of student control over time, place, path or pace. This session will explore the tools and mindset necessary to implement blended learning in your classroom.

**Presenter(s):** Chris Freeburg, CTE Teacher, Public School Leadership Academy at Fowler High School, Syracuse, NY

### 274. PBL in the Community

Room: L1 Session Type: BP
Objective: 5A

A high school teacher will present how her project involved and empowered some 40 active club members to design and develop community projects through the effective use of project-based learning strategies. The presenter will discuss how working collaboratively brought positive effects to students' learning, motivation and attitudes.

**Presenter(s):** Maria Maderal, STEM Master Teacher, Marlboro County High School, Laurinburg, SC

### 275. All Students ConnectEd and the Power of One!

Room: 113 Session Type: BP
Objective: 5B

Learn how to change the culture of your classroom, school and district by changing mindsets, connecting with all students and the Power of One. Learn techniques created to inspire and motivate the most challenging students in a high poverty, rural district. This session will focus on how to use the ConnectEd to personalize learning and create positive engagement/expectations.

**Presenter(s):** Jacqueline Brooks, Superintendent, Macon County Schools, Tuskegee, AL

### 276. A Data-Driven, Innovative, Schoolwide, Positive Intervention System

Room: L8 Session Type: BP
Objective: 5C

Learn how to create a plan for monitoring the learning of students and a comprehensive pyramid of interventions for responding promptly, consistently and effectively when students do not want to learn. You will leave this session with a variety of strategies which can be implemented at your school this fall.

**Presenter(s):** Andrea Batista, Science Teacher and Porter Cutrell, Principal, Early College and University High School, Roswell, NM; Clara Clark, School Improvement Consultant, SREB, Atlanta, GA; and Robert Bleisch, Teacher, Texas Tech University, Roswell, NM

## FEATURED SPEAKERS 60-MINUTE SESSIONS

### 277. Creating Safety For ALL Learners: Class Building and Team Building

Room: 116 Session Type: BP
Objective: 5C

Team building and class building create the conditions for learning. When students' needs for security and belonging are met, they engage in higher-level learning. Disruptions and discipline problems decrease, speeding up teachers' instruction and students' learning. When students feel safe, known, respected and appreciated, they enjoy school more and are more prepared to work hard.

**Presenter(s):** Melanie Willette, International Trainer and Coach, Kagan Professional Development, San Clemente, CA

### 278. Surviving and Thriving as a New CTE Teacher

Room: 207 Session Type: BP
Objective: 6A

Learn how new career and technical education teachers thrive in new roles as teacher, facilitator, designer and assessor! This session will include discussions and resources on several key areas, including classroom culture, instructional strategies, working with CTSOs (Career and Technical Student Organizations), leveraging advisory committees and communicating with parents.

**Presenter(s):** Kathleen McNally, School Improvement Consultant, SREB, Atlanta, GA; and Joseph Woods, ProStart Instructor, Marion County Technical Center, Farmington, WV

### 279. High-Quality, Project-Based Learning and How to Get It!

Room: 219 Session Type: BP
Objective: 6B

This session will detail why project-based learning (PBL) is essential to today's students and how best to train school staff or peers in the methodology. The presenter will also provide information on including literacy, math and 21st-century skills into the PBL experience. Examples of high-quality projects will also be shared.

**Presenter(s):** Gary Wrinkle, Lead Consultant, SREB, Atlanta, GA

### 280. Establishing a Culture of Learning From Our Mistakes

Room: 208 Session Type: BP
Objective: 6B

The presentation will focus developing a classroom environment that supports taking risks and learning from mistakes to increase students' abilities to solve problems. The presenters will share how teachers can overcome the "perfection syndrome" and motivate students to attack a challenge and persevere. The presenters will share the need for alignment of projects with a mix of academic, cognitive, technology, software and 21st-century skills.

**Presenter(s):** Sandy Culotta, Manager, Project-Based Learning, SREB, Atlanta, GA; and Kathleen Fritz, CEO/Founder, Creatom Builder, Savannah, GA

### 281. Internships and Externships in Academy High Schools

Room: 212-213 Session Type: BP
Objective: 6C

Externships and internships for students and teachers in this district provide a unique opportunity to learn outside the classroom. In partnership with local businesses, students have been able to extend their learning and apply their skills towards real-world job opportunities. Teachers given the opportunity to shadow employers in their fields create authentic project-based learning.

**Presenter(s):** William Sayers, Career Academy Coach and Pathway Designer, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 282. So You Want to Do iPD With PLUS? Now What?

Room: 102 Session Type: SC
Objective: 7B

Finding time for teachers to improve their craft by collaborating with peers is a meaningful way during contract time to use resources smartly. Learn to create innovative professional development where teachers have 18 full days of collaboration time in their departments without using substitutes.

**Presenter(s):** Charles McDaniel, Retired Principal, East Ridge Middle School, Fruitland Park, FL

### 283. Establishing a Personalized Learning Environment for Students

Room: 214-215 Session Type: BP
Objective: 7C

A goal of interdisciplinary teaming is to interact and involve students in building strong relationships to ensure the success of all students. Teachers work with the same group of students, reach consistent standards for classroom behavior and assignment formats and develop cross-curricular connections. The result: positive attitudes, fewer disciplinary problems and better social adjustments.

**Presenter(s):** Alan Veach, School Improvement Consultant, SREB, Atlanta, GA

### 284. Redesigning Time to Optimize Teaching and Learning

Room: 218 Session Type: SC
Objective: 7D

Learn how one district's strategic plan focuses on redesigning schools to foster personalized learning. This session will delve into one district's journey, with SREB and School by Design's facilitation, to personalize learning and find time for teacher planning while staying within allocated units and funding. The intent is to increase the percentage of students who leave school with a mix of skills and ready for postsecondary and work.

**Presenter(s):** Steve Broome, Director, State Development for High School and Middle Grades and Allyson Morgan, School Improvement Consultant, SREB, Atlanta, GA; and Rebecca Lee, Deputy Superintendent, Jefferson County Schools, Birmingham, AL

### 285. A Workshop: Engaging Strategies for Learning

Room: 210 Session Type: BP
Objective: 8A

This session will engage participants in activities outlined in a book written by the two presenters, *Reading to Learn in the Secondary Classroom*. The workshop will lead participants through pre-learning, learning and post-learning experiences that can be used in their classroom.

**Presenter(s):** Sarah Mahurt, Consultant, James Daniel & Associates, LLC, Indianapolis, IN; and Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA

### 286. A Chance for School Leaders to Make a Real Readiness Difference

Room: 201 Session Type: BP
Objective: 8A

New transitional courses in math and literacy for eighth-graders and 12th-graders teach the skills, strategies and rigor for students to be successful at the next stage of their learning. Learn about these dynamic courses and how principals can lead the way in preparing students high school, college and careers.

**Presenter(s):** George Johnson, School Improvement Consultant and John Squires, Director, High School to College Readiness Program, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 287. Power of Community Partnerships in Comprehensive School Reform

Room: 112 Session Type: BP
Objective: 8C

Learn how this district leveraged the power of workforce development and other community partners to effectively implement the Advanced Career pathway Global Logistics & Supply Chain Management for its students. Strategies for engaging community and business in deep, rich partnerships to support pathways transformation in a comprehensive high school will be shared.

**Presenter(s):** Gary Barber, Superintendent; Stephen Fujii, Director of College & Career Success; and Amy Wood, Director of Educational Programs, Marion City Schools, Marion, OH

### 288. Chasing Successful LDC Schoolwide Implementation

Room: L2 Session Type: BP
Objective: 8D

Are you ready to spread the Literacy Design Collaborative (LDC)? Are you thinking about going all digital? Hear a local coach and assistant superintendent share their school's experience using LDC's online courses. They will discuss the challenges and results and offer food for thought for building an action plan that will lead to successful training, implementation and results.

**Presenter(s):** Angela Jones, School Improvement Officer, Coahoma Agricultural High School, Clarksdale, MS; and Pam Purcell, Literacy Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 289. Formative Assessment: A Needed Initiative

Room: L6 Session Type: BP
Objective: 8E

The formative assessment process provides information needed to adjust teaching and learning while in progress. Its purpose is to guide teachers in making decisions about future instruction. This session targets all audiences that would benefit from obtaining an understanding of the formative assessment process which leads to student success. Join us in targeting "the why, the what, and where to go from here" of formative assessment!

**Presenter(s):** Otha Belcher, Director of Curriculum, Vicksburg Warren School District, Vicksburg, MS; and Jean Lee, Literacy Consultant, SREB, Atlanta, GA

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 290. Developing Workforce Connections: Multiple Pathways to Student Success

Room: L15 Session Type: MS
Objective: 1A Table: 1

Learn how career and technical education (CTE) programs can create multiple pathways to student success. We will also dispel some of the stereotypes associated with CTE programs.

**Presenter(s):** Sheila Gauvreau, Integrated Software Instructor; Elizabeth Mullens, Math Instructor; Brian Turner, Dean of Students; and Virginique Whitmore, Marketing Education Instructor, Buchtel CLC, Akron, OH

### 291. Using the Technical Design Process in Advanced Career Informatics

Room: L15 Session Type: MS
Objective: 1D Table: 2

This session will concentrate on the Technical Design Process used in the Advanced Career Informatics classes and discuss how it is used to solve the essential question of every project.

**Presenter(s):** Kevin Hoover, AC Informatics Teacher, Carroll County Area Technology Center, Carrollton, KY

### 292. Literacy Skills Work: Increasing Classroom Rigor and Student Achievement

Room: L15 Session Type: MS
Objective: 3A Table: 3

This session offers an overview of the methods needed to embed literacy skills in the CTE classroom. Participants will receive a packet of 40 strategies and fool-proof LDC writing templates.

**Presenter(s):** MaryAnne Preston, HSTW Coach & Literacy Consultant, HSTW NW Ohio Region, Perrysburg, OH

### 293. Hyped Up On Reading

Room: L15 Session Type: MS
Objective: 3C Table: 4

Ready to bring technology into your traditional literacy-loving classroom? Bring your Chromebook or other device and leave with a HyperDoc that can be used with any novel.

**Presenter(s):** Stacy Hughes, Teacher, West Morgan High School, Trinity, AL

### 294. ESOL Population Skyrocketing? We Can Help!

Room: L15 Session Type: MS
Objective: 3D Table: 5

The ESOL student population is growing every year in the United States. Learn simple strategies and interventions that any school can implement to better serve these students.

**Presenter(s):** Claudia Newbern, Assistant Administrator, R.B. Stall High School, Charleston, SC

### 295. It Only Takes a Small Step to Initiate Change

Room: L15 Session Type: MS
Objective: 4D Table: 6

Inspired by last year's summer conference, this school conducted professional development and implemented a plan that utilized monthly advisement periods with students. This once-a-month change had a positive impact.

**Presenter(s):** Ted Gorman, Principal and Kimberly Masloski, Teacher, Steubenville High School, Steubenville, OH

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 296. Changing Perspectives: College Versus Career... Let's Refocus

Room: L15 Session Type: MS
Objective: 4E Table: 7

Many students are encouraged to attend college without spending time researching their career interests and work environments. Join us to refocus conversations regarding successful career opportunities offered through CTE programs.

**Presenter(s):** Christi Kerns, Supervisor and Ryan Lee, Assistant Director, Penta Career Center, Perrysburg, OH

### 297. Cross-Curricular Aquaponics Project

Room: L15 Session Type: MS
Objective: 5A Table: 8

Aquaponics is the process of growing plants and fish symbiotically. This personalized learning experience sets students up for success and can be utilized in both urban and rural schools.

**Presenter(s):** Christine De La Torre and Duane Lardon, CTE Teachers, Crockett High Schools, Austin, TX

### 298. Career Connected Capstone: Going Strong

Room: L15 Session Type: MS
Objective: 5A Table: 9

After major modifications were made to the student-guided project, students and staff agree that the once dreaded research-based project took a career-based turn for the better.

**Presenter(s):** Michelle Fitzsimmons, Student Services Coordinator and William Oesch, Teacher, Columbiana County Career & Technical Center, Lisbon, OH

### 299. What Makes Instruction Meaningful?

Room: L15 Session Type: MS
Objective: 5C Table: 10

Creating a culture of high achievement is a challenging process, but the rewards are amazing. Participants will experience examples of vigorous instruction and profound learning experiences, based on a three-year research study.

**Presenter(s):** Mark Thompson, Executive Director, National Educator Program (NEP), Denver, CO

### 300. Keeping It Real With Project-Based Learning

Room: L15 Session Type: MS
Objective: 6B Table: 11

CTE instructors share what they learned through the DreamLearners Workshop at the National TCTW Leaders Forum. Learn how to make a project rigorous and develop real-world, 21st-century skills!

**Presenter(s):** Edward Callico and Chanel Thompson, Instructors, Central Nine Career Center, Greenwood, IN

### 301. Building a Strong Collaborative Staff

Room: L15 Session Type: MS
Objective: 7B Table: 12

Learn about the improvement plan built by support staff to streamline the collaborative process at one tech center. See the steps used to assess the current collaboration plan and solicit staff input.

**Presenter(s):** Traci Pankratz, Literacy Specialist, Elkhart Area Career Center, Elkhart, IN

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**302. How to Build a Brick House School Culture**

Room: L15 Session Type: MS
Objective: 7C Table: 13

Discover how to form the foundation every school needs to defeat student apathy and walk away with blueprints for building a rock solid Brick House culture!

**Presenter(s):** Sherri Nelson, Director of Instruction, Huron School District, Huron, SD

**303. POWER-U (Smart Lunch Cultural Shift)**

Room: L15 Session Type: MS
Objective: 7D Table: 14

Combining the frameworks of the Multi-Tiered System of Supports (MTSS) and smart lunch concepts has developed a scaffold for school culture and outcome reform at a rural high school.

**Presenter(s):** Jamie Durant, Principal; and Kevin Taylor, Chris Walters and Stacey White, Assistant Principals, West Rowan High, Mount Ulla, NC

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**304. The Four C's of Effective Leadership**

Room: L15 Session Type: MS
Objective: 8D Table: 15

After leading young people, coaches and teachers for 28 years, the presenter has developed a philosophy of leadership that is simple, research-tested, data-driven and is guaranteed to positively impact people.

**Presenter(s):** David Henley, Instructor/Researcher, Eastern High School, Goshen, KY

## 120-MINUTE SESSIONS

### 305. West Virginia Counseling for Careers: Year Two

Room: 113 Session Type: DD
Objective: 1A

Counseling for Careers (C4C) links students to career goals as well as high school and postsecondary programs of study. West Virginia and SREB have formed a partnership and are in year two of the C4C pilot working with schools to become exemplars in the C4C strategies. Presenters will share the key strategies and discuss successes, challenges and next steps.

**Presenter(s):** Barbara Brady, School Counseling Coordinator, West Virginia Department of Education, Charleston, WV

### 306. High School Mathematics Unit Design

Room: L7 Session Type: DD
Objective: 3B

We will explore ways to meet the curriculum and instructional requirements of college- and career-readiness standards for mathematics. Participants will examine how Mathematics Assessment Project (MAP) formative assessment lessons and next generation assessment items connect to reveal grade-level content and math practices expectations while serving as anchors for unit design.

**Presenter(s):** Donna Farmer, Independent Math Consultant, Resources for School Improvement, LLC , Prospect, KY

### 307. Students With Disabilities: Avoiding Compliance Issues

Room: 116 Session Type: DD
Objective: 5C

The session presenter will provide participants solutions to compliance issues concerning the Individuals with Disabilities Education Act and Section 504 of the Rehabilitation Act, including effective policies, procedures and documentation. The session will provide techniques that minimize the likelihood of disputes regarding placement and discipline of students with disabilities.

**Presenter(s):** James Evans, Partner, Barclay Damon, LLP, Syracuse, NY

### 308. Chronicling a Student's Project Journey Via a Notebook

Room: L4 Session Type: DD
Objective: 6B

The strategic journey notebook can serve as a dynamic place for authentic writing where language, information and logical-reasoning experiences operate jointly to form meaning for the student. Participants will be introduced to the utility of an environment in which students experience content more fully throughout a project-based learning experience.

**Presenter(s):** Tammy Jones, Consultant, TLJ Consulting Group, LLC, Lebanon, TN; and Leslie Texas, Consultant, Leslie Texas Consulting, LLC, Louisville, KY

## FEATURED SPEAKERS 60-MINUTE SESSIONS

John Gaal

### 309. Registered Apprenticeship Programs: Why Now?

Room: 212-213 Session Type: SC
Objective: 1C

This session will provide participants with information on how to set up a secondary-level RAP within one's high school. History and best practices will be reviewed. Models from the construction and advanced manufacturing industries will be examined at the general and specific levels. Please keep in mind that these models are transferable to other industry sectors.

**Presenter(s):** John Gaal, Director of Training and Workforce Development, St. Louis - Kansas City Carpenters Regional Council, St. Louis, MO

Philip Craiger

### 310. Incorporating Cybersecurity Programs in K-12 Programs

Room: 209 Session Type: BP
Objective: 1E

It is vitally important that K-12 programs incorporate cybersecurity as a required subject. This presentation focuses on the importance of cybersecurity and sources of existing curricula and the various ways to incorporate in K-12 programs. Also covered: Career and college opportunities in the cybersecurity field.

**Presenter(s):** Philip Craiger, Professor, Advanced Cyberforensics Education Consortium, Daytona Beach, FL

David Shepard

### 311. Establishing and Improving SLCs and PLCs

Room: Cascade Ballroom A Session Type: BP
Objective: 7B

This session will examine how teachers in small learning communities (SLCs) and professional learning communities (PLCs) can work more effectively together toward the common goal of helping all students become successful. Participants in this session will review and discuss specific step for establishing, implementing and evaluating their SLCs and PLCs.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY

## 60-MINUTE SESSIONS

### 312. Assessing Your Programs of Study

Room: 203-206 Session Type: BP
Objective: 1B

The SREB Credentials for All report challenges us to "build bridges from high school to postsecondary education and the workplace by creating rigorous, relevant career pathways driven by labor market demands." This session will focus on sharing resources to assist schools with determining current levels of implementation and steps to meet the goal of having all students achieving college and career success.

**Presenter(s):** Lynda Jackson, Director, TCTW, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

Gayle Manchin

### 313. Preparing Students for College and/or Careers

Room: Conference Theater Session Type: BP
Objective: 1D

Hear why the presenter and the West Virginia Department of Education were early supporters of Advanced Career curricula and why the state has the second highest number of Advanced Career curricula in the United States. West Virginia is proud of its progress in the area of preparing their students for high-performance careers.

**Presenter(s):** Gayle Manchin, Former President, West Virginia Board of Education, WV

### 314. Career Readiness in a State Accountability Model

Room: 202 Session Type: BP
Objective: 2A

Learn how Kentucky worked with various stakeholders to develop a definition for and assessment measures of career readiness in the Unbridled Accountability Model. The career-readiness standards in Kentucky take into consideration the academic, technical and workplace skills needed for students to succeed beyond high school.

**Presenter(s):** Laura Arnold, Interim Associate Commissioner, KDE, Frankfort, KY; and Dale Winkler, Special Assistant to the Senior Vice President, SREB, Atlanta, GA

### 315. It Takes a Village: Building a Quality Team to Support LDC

Room: L6 Session Type: BP
Objective: 3A

How can school leaders use the Literacy Design Collaborative (LDC) to implement literacy strategies in ways that advance both literacy and content achievement? This session will focus on the importance of getting the right people in place to support and monitor LDC. Presenters from this school district and SREB will share their experiences with Year 1 implementation to help new LDC leaders get on the right track.

**Presenter(s):** Alexandria Evans, Assistant Principal and Tammie Williams, Roanoke Rapids High School; Juliana Thompson, Administrator/LDC Coach, Roanoke Rapids Graded School District; and Jeffrey White, Principal, Chaloner Middle, Roanoke Rapids, NC; and Jean Lee, Literacy Consultant, SREB, Atlanta, GA

### 316. Instructional Leadership for Advancing Literacy Instruction

Room: 208 Session Type: BP
Objective: 3A

The use of the Literacy Design Collaborative (LDC) is advancing students' literacy and content achievement. School leaders are charged with recognizing the instructional shifts that take place when LDC is implemented with fidelity. Learn the essential classroom behaviors that can be expected when literacy is an active part of a teacher's instructional practice.

**Presenter(s):** Lauri Johnson, Director of School Leader Development, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 317. Engaging Students in College and Career Literacy Practices

Room: L5 Session Type: BP
Objective: 3A

Applying the Literacy Design Collaborative (LDC) framework as an instructional resource to bridge the gap between educational theories and student achievement will be explored. Attendees will complete literacy skill-oriented tasks that are designed to demonstrate how the components of LDC build students' capacities and enables them to excel. A Q&A on the implementation process follows.

**Presenter(s):** Quinton Granville, Literacy Consultant, SREB, Atlanta, GA

### 318. The Hurdle: From Learning to Read to Reading to Learn

Room: L9 Session Type: BP
Objective: 3A

K-5 students develop foundational skills as they "learn to read." Then, as students transition to read to learn in the subject area disciplines, they generally experience a "productive struggle" as they face unique reading challenges. Learn some specific techniques that teachers can apply in their respective content areas to increase comprehension.

**Presenter(s):** Jeanette Hodges, Literacy Consultant, Jeanette Hodges, Educational Consulting, Taylor Mill, KY

### 319. Administrative Intervention: Using Referrals as Learning Opportunities

Room: Cascade Ballroom B Session Type: BP
Objective: 3A

Administrative intervention is a pathway for administrators to support school staff by teaching replacement behaviors and problem solving with students. Join us to learn how school leaders can support teachers to prevent referrals. When referrals do happen, administrators can help students stay calm, learn replacement skills and prevent future misbehaviors.

**Presenter(s):** Jim Gross, Associate Vice President and Steph Jensen, Director, Boys Town, Boys Town, NE

### 320. Introduction to Elementary MDC

Room: L8 Session Type: BP
Objective: 3B

This session is intended for teachers and administrators with an interest to learn about the elementary pilot that took place this year in Alabama. This interactive session will include an opportunity for participants to experience one of our elementary formative assessment lessons (FALs).

**Presenter(s):** Dawn Perks, Independent Math Consultant, Burlington, NC

### 321. Classroom Relationships: First Line of Support!

Room: Exhibit Hall 1AB Session Type: BP
Objective: 3D

This practical session will explore how stress, safety, trust, sarcasm and emotional bonds change the brains in your classroom. The good news is that teachers have much more influence than originally thought! The presenter will look at building a classroom environment that values relationships as the first line of support for all students.

**Presenter(s):** Craig Carson, Assistant Superintendent, Ozark R-VI Schools, Ozark, MO

## 60-MINUTE SESSIONS

### 322. Students Ready for High School? Try This for Struggling Eighth-Graders!

Room: L3 Session Type: BP
Objective: 3D

Give eighth-graders the chance to succeed by implementing the new high school Literacy Ready course. This middle grades course employs successful literacy strategies based on disciplinary literacy and models of the Literacy Design Collaborative. Each unit engages students in rigorous reading and writing assignments reflected in English language arts, history and science.

**Presenter(s):** George Johnson, School Improvement Consultant and John Squires, Readiness Director, SREB, Atlanta, GA

### 323. Why Mathematical Literacy Matters

Room: L2 Session Type: BP
Objective: 4A

Mathematically literate students are able to analyze statements and communicate ideas effectively as they pose, formulate, solve and interpret mathematical problems in a variety of authentic situations. The presenters will explore ways to develop mathematically literate students, and participants will leave with several strategies for use on a daily basis in their schools and districts.

**Presenter(s):** Jason Adair, Math Consultant, SREB, Atlanta, GA; and Paige Graiser, Independent Math Consultant, Brunswick, GA

### 324. Developing Adviser/Advisee and C4C From School to County

Room: L1 Session Type: SC
Objective: 4D

Participants will learn about a county-wide approach to developing a comprehensive program that brings all the pieces together to help students develop personalized academic and career plans. This session is brought to you by the letter "C," with emphasis on collaboration, communication, consistency, continuity and Counseling for Careers.

**Presenter(s):** Erin Deitzler and Gwen Justice, Counselors, Williamstown High School, Williamstown, WV; and Cathy Grewe, Coordinator of Assessments and Student Services, Wood County Schools, Parkersburg, WV

### 325. Changing Perspectives: College Versus Career... Let's Refocus

Room: L10 Session Type: BP
Objective: 4E

Many students are encouraged to attend college without spending time researching their career interests, career outlook, potential salaries and work environments. Upon graduating college, many cannot secure gainful employment. Join us for a problem-solving discussion to refocus conversations regarding successful career opportunities offered through career and technical educational programs.

**Presenter(s):** Christi Kerns, Supervisor and Ryan Lee, Assistant Director, Penta Career Center, Perrysburg, OH

### 326. Improving Student Preparedness for the Real World

Room: 216-217 Session Type: BP
Objective: 5A

Two changes in preparing students to be college and career ready are making a difference for secondary students in Alabama. A focus on planning for the future through a new course and career coaches has had positive results throughout the state. These changes will be explained and examples of the ways they are being implemented will be covered.

**Presenter(s):** Susan Harrison, Independent Consultant, Montgomery, AL

## 60-MINUTE SESSIONS

### 327. Life Skills Instruction: An Essential Element in Preparing Students

Room: 102 Session Type: BP
Objective: 5A

All students need life skills such as communication, decision making, conflict resolution, goal setting and time management. Learn about and gain free access to the Overcoming Obstacles Life Skills curricula for middle grades and high school students. This program received the 2013 National Dropout Prevention Center's Crystal Award of Excellence in dropout recovery, prevention and intervention.

**Presenter(s):** Gary Wrinkle, Lead Consultant, SREB, Atlanta, GA

### 328. The Tale of Two Cities

Room: 103 Session Type: BP
Objective: 5B

Learn about SREB behavior strategies along with the successful implementation of the Mathematics Design Collaborative formative assessment lessons in a low-income urban/suburban school with low parental involvement and a high-achieving, high parental involvement school miles apart. The presentation will focus on the success of the practices and strategies in both schools.

**Presenter(s):** Eric Fangman, Teacher, Beechwood Elementary/Middle School, Ft. Mitchell, KY

### 329. Flipping the Classroom: Why Should I Even Care?

Room: 210 Session Type: BP
Objective: 5B

What does "flipping the classroom" mean? We will demonstrate how students can review cloud content, self-assess at home, manage projects and come to school better prepared for engaging, hands-on instruction. This discussion will focus on why this is relevant, discuss the benefits and drawbacks, and review free and easy-to-use tools to quickly and easily add project-based learning and flip your class.

**Presenter(s):** Nai Wang, Founder & President, KP Education Systems, Phoenix, AZ

### 330. A Decade of Career Academy Development: 10 Lessons Learned

Room: 214-215 Session Type: BP
Objective: 5C

Participants will learn about best practices and lessons learned from SREB support of schools reformatted into career academies with multiple career pathways. Using information from schools in multiple states and in urban and suburban settings, learn how SREB uses its career academy rubric and design tools to help schools create academies that graduate students college- and career-ready.

**Presenter(s):** Scott Warren, Director of State Initiatives, SREB, Atlanta, GA

### 331. Start the Great Conversation Around Personalized Learning

Room: 207 Session Type: SC
Objective: 5D

Illinois' 2015 Teacher of the Year will share how he implemented personalized learning in his automotive technology class and how career and technical education and academic teachers are partners in preparing our students. Learn how to begin "The Great Conversation" by: 1) Shifting your attention to the positive, 2) eliminating public bad-mouthing, 3) sharing something positive within your network and 4) monitoring your progress.

**Presenter(s):** Steve Elza, Applied Technology Teacher, William Fremd High School, Palatine, IL; and Linda Moyer, Independent Consultant, Enhanced PBL in Career Pathways, Murphy, NC

## 60-MINUTE SESSIONS

### 332. Design Challenges: Facilitating the Innovation Process Into Real-World Projects

Room: 107 Session Type: BP
Objective: 6B

This hands-on workshop for teachers, trainers and specialists will introduce design thinking tools and curriculum integration methods needed to facilitate real-world STEM-based projects in the classroom. This session provides an introduction to the innovation process and a step-by-step basis for building confidence in conducting these types of learning experiences.

**Presenter(s):** Kathleen Fritz, CEO/Founder, Creatom Builder, Savannah, GA

### 333. Five Ways to Reduce Your Work Load and Re-Energize Your CTE Classroom

Room: 218 Session Type: BP
Objective: 6D

Are you working harder than your students? This session provides strategies to help you shift from away from traditional career and technical education teaching to become a facilitator and mentor. This session includes five strategies you can use this fall to improve your students' experience, as well as make your work more enjoyable.

**Presenter(s):** Beth Green, Project Manager, Advanced Career, SREB, Atlanta, GA

### 334. Academy Programs: An Innovative Approach to Student Success

Room: 106 Session Type: SC
Objective: 7A

Learn about one district's premier advanced academic solutions for students in grades 10-12 who wish to accelerate their learning through dual enrollment programs (involving partnerships with higher education). This session will describe the programs and partnerships which lead to students earning college credit hours and, in some cases, an associate degree.

**Presenter(s):** Jeffrey McClure, Director of Alternative Learning, Pike County Schools, Troy, AL

### 335. ILT With Late Start Time

Room: 112 Session Type: BP
Objective: 7D

This school is in its third year of having a late start time. Classes start at 8:35 a.m. and end at 3:35 p.m. with a 50-minute independent learning time built into the schedule. Students have the opportunity to attend tutoring, make up exams, attend club meetings and participate in intramurals. Creating this time has allowed all students to get extra help for all classes.

**Presenter(s):** Angela Williams, CTE Teacher/Department Head, Hilton Head Island High School, Hilton Head, SC

## 60-MINUTE SESSIONS

### 336. "Is This Graded?"

Room: Cascade Ballroom C Session Type: BP
Objective: 8A

Step into the shoes of a student attending "Pandemonium High School." Witness firsthand what it feels like to attend a school in which students chase the coveted "A." After touring Pandemonium High, tour "Halls of Harmony High," where students complete quality assignments, points for behavior have been eliminated and grades reflect knowledge of the content standards.

**Presenter(s):** Danny Hill, Retired Principal/Consultant, Power of ICU, Lebanon, TN

### 337. Nine Changes to One School's Grading Practices

Room: 115 Session Type: BP
Objective: 8A

For three consecutive years, learners at this middle grades school have completed all assignments and exceeded national growth projections in reading and math. Learn the bold actions this school took to increase student achievement by overhauling assessment and grading practices and walk away with tips for implementing similar grading guidelines in your school.

**Presenter(s):** Sherri Nelson, Director of Instruction, Huron School District, Huron, SD

### 338. Gonna Go My Way? Chord Progressions for Rapid Results (Part 1 of 4)

Room: 219 Session Type: SC
Objective: 8D

Hear how one tech center moved from simple melodies to ripping guitar solos. What is the secret to such rockin' success? A focused leadership climate plus high-voltage TCTW professional development — delivered just-in-time for maximum effect. Using a TVA Report, focus teams and project-based learning, we are preparing for a simulated workplace after only two years in the TCTW network.

**Presenter(s):** Randall Gooch, Director, Columbia Area Career Center, Columbia, MO; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 339. Creating and Using Classroom Assessments

Room: 201 Session Type: BP
Objective: 8E

Do classroom assessments positively impact student learning? Yes! Learn about the creation, use and importance of formative and summative classroom assessments and the effective use of scoring rubrics, peer reviews and self-evaluations. Classroom assessments are critical because they offer timely information to students, parents and educators.

**Presenter(s):** Paula Egelson, Director and Christopher Fuga, Research Assistant, SREB, Atlanta, GA

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 340. If You Build It, They Will Come

Room: L15 Session Type: MS
Objective: 1A Table: 1

The presenters will discuss how they aligned career pathways and career academies to business, industry and postsecondary partners. Learn why alignment is so important for a school's success.

**Presenter(s):** Tara Haynes, CTE Instructor; Monique Lee, Assistant Principal; Markita Spikes, Instructional Coach; and Eric Thigpen, Principal, South Gwinnett High School, Snellville, GA

### 341. Finding Pathways to Success

Room: L15 Session Type: MS
Objective: 1C Table: 2

It is important to fully engage students in quality pathways of study through rigorous academics, hands-on application and problem-based learning. Hear two agricultural teachers describe their experiences in pathway instructional practices.

**Presenter(s):** Brittney Kee, Horticulture Teacher and James Slee, Agriculture Construction Teacher, Chicago High School for Agricultural Sciences, Chicago, IL

### 342. Implementing Career Pathways: Retrofitting and Repurposing

Room: L15 Session Type: MS
Objective: 2D Table: 3

See how a high school in a rural city of 10,000 transformed its culture by implementing career pathways focusing on authentic work and marketable credentials.

**Presenter(s):** John Lowery and April Shrader, Teachers; and Gary Minnick, Principal, Boaz High School, Boaz, AL

### 343. Creating the Link Between LDC Modules and a Progression in Cognitive Development

Room: L15 Session Type: MS
Objective: 3A Table: 4

This session is for secondary teachers looking to better utilize learning LDC modules in their classrooms and those wanting new project-based evaluation tools and ideas.

**Presenter(s):** Jeseca Sowder, Teacher, Princeton Senior High School, Pembroke, VA

### 344. Building Capacity Through MDC: Teaching Teachers to Fish

Room: L15 Session Type: MS
Objective: 3B Table: 5

Follow the journey of two instructional coaches from a large district as they implemented MDC in 15 schools with more than 100 teachers.

**Presenter(s):** Kanna Edison and Kelly Hagan, Content Goal Clarity Coaches, Jefferson County Public Schools, Louisville, KY

### 345. Creating Organized Chaos in the Classroom!

Room: L15 Session Type: MS
Objective: 3C Table: 6

Standardized testing is over... and there's still a month of school. Aggghhhh! Discover cool class projects and activities that will engage your students until the last day of school.

**Presenter(s):** Cary Nadzak, Teacher, Charleston County Schools, North Charleston, SC

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 346. Building Digital Literacy With STEM

Room: L15 Session Type: MS
Objective: 3C Table: 7

This workshop examines how our school fosters digital literacy in STEM courses by incorporating technologies such as GIS, 3-D design and printing, probeware, Google classroom, Canvas, and many others.

**Presenter(s):** Laura Howard, Susan Rhodes, Tiffany Sellers and William Ward, Teachers, West Florence High School, Florence, SC

### 347. ACT College- and Career-Readiness Standards for English and Math

Room: L15 Session Type: MS
Objective: 4A Table: 8

Learn how ACT preparation techniques can help teachers and students accomplish college- and career-readiness standards, as well as find and/or create classroom drills and homework assignments that exemplify these skills.

**Presenter(s):** Scott Farber, President, A-List Education, New York, NY; and Kimberly Hudson, CEO, The Curious Edge Foundation, Lexington, KY

### 348. Planning for the Future: Transitioning to an Academy School

Room: L15 Session Type: MS
Objective: 5A Table: 9

Learn how a large Title 1 high school is making the transition to the academy model next year. School staff will share their story of preparing for the change.

**Presenter(s):** Linda Clark, Assistant Principal; Patrick Mahaffey, Lead Teacher – Construction Academy; and John Tronolone, Academy Coach, Berkmar High School, Lilburn, GA

### 349. Breaking Classroom Walls: Personalized Learning Outside the Classroom

Room: L15 Session Type: MS
Objective: 5A Table: 10

Learn how to set the foundation for a climate and culture that fosters personalized learning, academic experiences outside the classroom and a team to build transformative opportunities for all students.

**Presenter(s):** Cameron Beaty, Media Specialist, R.B. Stall High School; and Virginia Sayer, Personalized Learning Coach, CCSD Personalized Learning Department, North Charleston, SC

### 350. Motivating ALL Students Through Intentional Grouping

Room: L15 Session Type: MS
Objective: 5B Table: 11

The presenter will provide research-based practices for the successful alignment and implementation of college- and career-readiness standards to engage every student.

**Presenter(s):** Lonnie McCann, Teacher/Educational Consultant, Bethel School District/Raise The Scores, Graham, WA

### 351. Navigating College and Career Choices: Information Empowers

Room: L15 Session Type: MS
Objective: 6B Table: 12

Attendees will learn about the variety of FREE online tools and curriculum materials from the Federal Reserve Bank of St. Louis including videos, interactive chats, infographic, articles and lessons.

**Presenter(s):** Jeannette Bennett, Senior Economic Education Specialist, Federal Reserve Bank of St. Louis - Memphis Branch, Memphis, TN; and Erin Yetter, Senior Economic Education Specialist, Federal Reserve Bank of St. Louis, Louisville, KY

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 352. Building a Trademark Brand

Room: L15 Session Type: MS
Objective: 7A Table: 13

Receive strategies and examples for capturing, promoting and establishing a "diamond standard" school culture. Learn how to develop a brand image and identity that can strengthen your learning environment!

**Presenter(s):** Marsha Ricks, Biomedical and STEM Community Director, Ball High School, Galveston, TX

### 353. So You Want to Do iPD With PLUS? Now What?

Room: L15 Session Type: MS
Objective: 7B Table: 14

Learn to and create innovative professional development where teachers have 18 full days of collaboration time in their departments without using substitutes.

**Presenter(s):** Charles McDaniel, Retired Principal, East Ridge Middle School, Fruitland Park, FL

### 354. A Workshop: Engaging Strategies for Learning

Room: L15 Session Type: MS
Objective: 8A Table: 15

This session will engage participants in activities outlined in the book written by the two presenters *Reading to Learn in the Secondary Classroom*.

**Presenter(s):** Sarah Mahurt, Consultant, James Daniel & Associates, LLC, Indianapolis, IN; and Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 355. How to Create an HSTW Committee Engaging All Stakeholders

Room: L15 Session Type: MS
Objective: 8C Table: 16

Presenters will discuss how the structure of one school's HSTW committee changed to increase participation and engagement while modeling best practices.

**Presenter(s):** Dan Dick and Lauren Stewart, Science Teachers, Sylvania Northview High School, Sylvania, OH

### 356. Oops, My Bad! I Need an SLC Do-Over

Room: L15 Session Type: MS
Objective: 8D Table: 17

As a high school moving to adopt the SLC model, teachers wished they could have known then what they know now. Learn common pitfalls to avoid during the transitional phase.

**Presenter(s):** Crissy Franco, Christopher Lee and Markeba Warfield, SLC Principals, Dubiski Career High School, Grand Prairie, TX

### 357. Quantify Your School's STEM Culture and Improve Instruction!

Room: L15 Session Type: MS
Objective: 8E Table: 18

You will be introduced to the STEM-CAT, an instrument used to gauge the effectiveness of STEM programs within your school and support decisions moving forward in developing your program.

**Presenter(s):** Chris White, Science Teacher, Seneca High School, Seneca, SC

## FEATURED SPEAKER — 120-MINUTE SESSIONS

Victor Obaseki

### 358. Black Student Diversity: Postsecondary Access and Opportunity for All

Room: Cascade Ballroom A — Session Type: DD
Objective: 2A

This presentation and dialogue will explore black identity, student demographics and student achievement, and related issues of access and opportunity to postsecondary education institutions. A particular focus will be on affirmative action following the U.S. Supreme Court decision in Fisher vs. The University of Texas at Austin.

**Presenter(s):** Victor Obaseki, Policy Coordinator, Institute for Urban Policy Research & Analysis, Austin, TX

## FEATURED SPEAKERS — 60-MINUTE SESSIONS

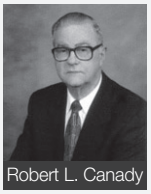
S. Smith-Budhai

### 359. Leveraging Technology to Increase Students' Critical-Thinking, Communication, Collaboration and Creativity Skills

Room: 212-213 — Session Type: BP
Objective: 3C

This session focuses on technology to guide students toward critical-thinking, building interpersonal communication, effectively working with teams, and creating and innovating products. Participants will explore ways to transform learning experiences by substituting, augmenting, modifying and redefining technology use in the classroom.

**Presenter(s):** Stephanie Smith-Budhai, Assistant Professor and Director of Graduate Education and Laura Taddei, Assistant Professor, Education, Neumann University, Aston, PA


Robert L. Canady

### 360. Data-Based High School Schedules: Student Support and Extended Teacher Planning

Room: 109 — Session Type: BP
Objective: 7D

To help more students graduate with college- or career-ready credentials, we illustrate six ways schedules can be altered to provide student support. We will also show how teacher planning time can be stored so that one-half or full-day planning days can occur on a rotational basis.

**Presenter(s):** Robert Lynn Canady, Administrative Consultant, Canady Consulting, Charlottesville, VA

## 60-MINUTE SESSIONS

### 361. You Can't Learn It All in the Classroom

Room: 203-206 — Session Type: BP
Objective: 1C

This session will assist educators in designing an action plan focused on implementing quality work-based learning. The plan is focused around guidelines that plan and prepare for successful experiences, maximize learning, provide supervision, promote safety, manage the workplace and provide ongoing support for both the student and employer.

**Presenter(s):** Lynda Jackson, Director, TCTW, SREB, Atlanta, GA

### 362. Want to Become a Used Car Salesman?

Room: 103 — Session Type: BP
Objective: 1C

In this engaging session, participants will hear how one school decided to try its hand in the used car business — selling donated vehicles — while also including the school's branch of Class Act Credit Union in the process. Presenters will discuss the timeline involved and the reasons and goals for this program.

**Presenter(s):** Bryce Hibbard, Principal, Southern High School, Louisville, KY

### 363. Encouraging Inquiry for CTE Educators

Room: 218 — Session Type: BP
Objective: 1D

Einstein said, "Curiosity is more important than knowledge." So how might career and technical education teachers help students develop curiosity? This session explores good questioning techniques that spawn student curiosity while teaching students to ask good questions. The presenter relates how SREB's Advanced Career design requires students to move beyond their comfort zone.

**Presenter(s):** Beth Green, Project Manager, Advanced Career, SREB, Atlanta, GA

### 364. Good, Bad and Ugly: Personalized Learning in an Urban High School

Room: L8 — Session Type: BP
Objective: 1E

Experience the adventures and misadventures of an English and science teacher in their first year of implementing personalized learning. The team will share their challenges and their successes overcoming them. Participants will explore how each teacher personalized instruction and students' learning, including implementing one-to-one technology and flexible learning environment initiatives.

**Presenter(s):** Laura Smith and Mariah Warren, Teachers, R.B. Stall High School, North Charleston, SC

### 365. Using LDC Effectively in the Classroom

Room: L2 — Session Type: BP
Objective: 3A

The presenters of this engaging session will show how they implemented the Literacy Design Collaborative (LDC) program in the classroom and the results of the process. Participants will learn what LDC is and how high school leaders and teachers can use it in their own classrooms to boost student engagement in their own learning.

**Presenter(s):** Pamela Broome, Literacy Consultant, SREB, Atlanta, GA; and Jonathan Griffin, Teacher, Union County High School, Union, SC

## 60-MINUTE SESSIONS

### 366. We Read, We Write, We Succeed

Room: L1 Session Type: BP
Objective: 3A

As a grades seven through 12 building, we decided to launch the Literacy Design Collaborative (LDC) across the curriculum and in all grades. Each department has met over the past couple years to learn, design and implement their own LDC and collect data. Our building leaders met to formulate a schoolwide rubric. To help in this process we have used "All Plays" to help promote literacy schoolwide.

**Presenter(s):** Matt Graves, HSTW Coordinator/Social Studies Teacher; Michelle King, Math Teacher/MMGW; and Shaun Morgan, Principal, Springfield High School, Akron, OH

### 367. Integration of Middle Grades and High School Literacy Plans Utilizing LDC

Room: L11 Session Type: SC
Objective: 3A

How does your state's literacy plan align with the objectives of the Literacy Design Collaborative (LDC)? This session will be presented by LDC local trainers and lead teachers who have written both district and school literacy plans. The presenters will share challenges and successes encountered while addressing both initiatives with fidelity.

**Presenter(s):** Kim Kinley-Howard, ELA District Curriculum Coordinator, Local LDC Trainer, Florence School District One; Lenora Rivers-Davis, Literacy Specialist, Wilson High School; and Nathaniel Schermerhorn, Lead LDC Teacher, Department Chair, Southside Middle, Florence, SC

### 368. School Leaders Are the Key to LDC and MDC Success

Room: 208 Session Type: SC
Objective: 3A

SREB has provided professional development (PD) to English language arts, math, social studies, science, and career and technical education teachers. After a year of learning, teachers and leaders were surveyed about their PD experience. In this session, SREB will share recommendations to schools implementing LDC and MDC to improve student achievement.

**Presenter(s):** Lauri Johnson, Director of School Leader Development and Dan Mollette, Director of Training and Mathematics Lead, SREB, Atlanta, GA

### 369. Competition, Patience and Influence: New-Wave Teacher Strategies

Room: L6 Session Type: BP
Objective: 3C

Participants will learn how to increase their effectiveness by incorporating technology, competition, patience and influence in their classrooms. The presenter will also describe how technology can deepen student engagement in learning the foundational skills necessary for success in both postsecondary studies and the workplace.

**Presenter(s):** Corey Burgess, Teacher, Furman Middle School, Sumter, SC; and Jean Lee, Literacy Consultant, SREB, Atlanta, GA

### 370. Replacing a Culture of Zero Tolerance With a Culture of Learning

Room: Cascade Ballroom B Session Type: BP
Objective: 3D

Zero tolerance policies were implemented to dissuade kids from major misbehaviors. Time passed and these policies, created to protect students, became a road block leading to increased drop-out rates and lack of guidance toward pro-social behavior. Join our discussion on replacing zero tolerance with a culture of learning, increasing schoolwide success.

Presenter(s): Jim Gross, Associate Vice President and Steph Jensen, Director, Boys Town, Boys Town, NE

## 60-MINUTE SESSIONS

### 371. Black Male Success in Urban Schools: Pop Culture and Student Success

Room: Cascade Ballroom C Session Type: BP
Objective: 3D

Participants will come away with insights for empowering practitioners to work effectively with black males. Learn how educating social service professionals about the social and psychological issues that affect urban teens leads to providing models to bolster student achievement, and about informing practitioners of the complexities surrounding pop culture and its impact on student perceptions.

**Presenter(s):** Tony Johnson, Career and Technical Education State Director, D.C. Office of the State Superintendent of Education, Washington, DC

### 372. Seniors College and Career Ready? Implement a Literacy Course!

Room: L3 Session Type: BP
Objective: 3D

Explore the senior English course that actually prepares students to be college- and career-ready. Learn how Literacy Ready blends the best strategies from disciplinary literacy and the framework of the Literacy Design Collaborative. Students engage in rigorous literacy activities as they learn the skills of reading and writing specific to English language arts, science and history.

**Presenter(s):** George Johnson, School Improvement Consultant and John Squires, Readiness Director, SREB, Atlanta, GA

### 373. Literacy for Building Young, Black Men: No Dreams for Sale

Room: L5 Session Type: BP
Objective: 4A

The presenter will describe a holistic approach in planning to demonstrate how to engage young, black men from all learning levels in rigorous literacy practices that build academic performance. Instructional strategies such as the case study method and text-connection techniques are used to provide examples of how to motivate young men and capture their interest via literacy.

**Presenter(s):** Quinton Granville, Literacy Consultant, SREB, Atlanta, GA

### 374. Field Study to Connect Curriculum to Career Pathways

Room: L9 Session Type: BP
Objective: 4B

See how sixth-graders connected concepts learned in science to career pathways by doing a field study of a racing team. Students were exposed to various careers that exist in the racing industry. They were able to connect their unit study of simple machines to real-life complex machines and the world of NASCAR racing.

**Presenter(s):** Joyce Cooper, Teacher, Rock Hill School District #3, Rock Hill, SC

### 375. Shifting From Counseling for College to Counseling for Careers

Room: 202 Session Type: BP
Objective: 4C

College is not the goal; a successful career is. College is one of a variety of vehicles to achieve this goal. Join this motivational, interactive session and share the essential strategies for designing a campus-wide education and career counseling system that begins in the middle grades and continues through high school and postsecondary education and training.

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 376. Make Good Choices Now — Don't Preclude Later Opportunities

Room: 209 Session Type: BP
Objective: 4D

Nearly all computing jobs with career advancement require postsecondary education. Multiple paths exist into computing, but informed choices are needed among certification, two-, or four-year colleges; not all paths lead upward. We will explain how parents and counselors can understand the paths and opportunities into careers in computing.

**Presenter(s):** Duncan Buell, Professor, University of South Carolina, Columbia, SC

### 377. If You _____, They Will Come!

Room: L10 Session Type: BP
Objective: 4D

Find out how this rural school has a 100 percent participation rate with parents for the planning process during registration. Teacher-advisers meet with every student and his or her parent or guardian to create/review a six-year plan based on each individual student's career pathway choice.

**Presenter(s):** Carmen Keys, Counselor and Dana Smith, Teacher, Fountain Lake High School, Hot Springs, AR

### 378. How 'Bout Them Apples: Students' and Teachers' Culinary Journey

Room: 214-215 Session Type: BP
Objective: 5A

Teachers from four departments collaborated to cultivate a project-based learning experience linking an apple orchard to the classroom and beyond. Capitalizing on career and technical education programs, this project-based learning initiative succeeded in enhancing the core class experience, building community partnerships and motivating students to apply what they learned in several classes.

**Presenter(s):** Clara Clark, School Improvement Consultant, SREB, Atlanta, GA; and Carla Chavez and David Gilroy, Science Teachers; Greg Rael, Math Teacher; and Matthew Sandoval and Mary Spears, CTE Teachers, Taos High School, Taos, NM

### 379. 10th-Grade Illustrations: Career Counseling Panel

Room: 106 Session Type: BP
Objective: 5A

This session comprises a panel discussion with two counselors. It will highlight best practices on how students seriously think about their futures beginning in grade 10. The panel will share how numerous schools and school systems have successfully helped students transition through the postsecondary and career pathway process.

**Presenter(s):** Jenifer Blair, Director of College Counseling & Advising, South Carolina Governor's School for Science and Mathematics, Hartsville, SC; Rich Feller, Professor and Counselor, Colorado State University, Ft. Collins, CO; Philip Hardin, CEO, YouScience, Nashville, TN; and Gina Lewis, Keystone Teacher, Van Buren Freshman Academy, Van Buren, AR

### 380. Personalize Instruction With a Blended Learning Model

Room: 102 Session Type: BP
Objective: 5B

Gain the knowledge and resources needed to integrate technology and online tools to be more effective and engage more students to improve learning. The presenter will share strategies for using a blended learning model by leveraging the power of student-led discussions. Learn the benefits as well as techniques for developing and maintaining dynamic online learning communities.

## 60-MINUTE SESSIONS

**Presenter(s):** Jill Potts, School Improvement Consultant, SREB, Atlanta, GA

### 381. All Hands on Deck for College and Career Ready, a Lake View...

Room: 201 Session Type: SC
Objective: 7A

In a time of increasing workplace and career complexity, asking a student what he or she wants to do when they grow up has taken on quite a new meaning. Learn how one district is working diligently to build on the foundation provided by our primary schools to provide students with a multitude of opportunities to experience different careers.

**Presenter(s):** Ryan Neal, Assistant Superintendent, Camdenton Schools, Camdenton, MO; and Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA

### 382. The New HSTW Design: Making The Senior Year Count

Room: Conference Theater Session Type: BP
Objective: 7A

See how high schools make it possible for students with the foundational literacy and math skills for postsecondary studies to earn a full year of college credits or make substantial progress toward an industry-based certification. For other students, see how to use the senior year to make sure they get those foundational literacy and math skills essential for acquiring credentials and postsecondary degrees.

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

### 383. Building a Strong Collaborative Staff

Room: 107 Session Type: BP
Objective: 7B

Learn about the improvement plan built by support staff to streamline the collaborative process at one tech center. This session will guide participants through the steps used to assess the current collaboration plan, solicit staff input and build a collaborative process that provides support for building Enhanced CTE projects and offers training for staff to improve student achievement.

**Presenter(s):** Traci Pankratz, Literacy Specialist, Elkhart Area Career Center, Elkhart, IN

### 384. R.E.I.D. to Learn: Research. Examine. Investigate. Design.

Room: 210 Session Type: BP
Objective: 8A

Learn how to develop learning environments and deliver educational experiences that promote cognitive rigor by challenging and engaging students to R.E.I.D. to Learn — read and research for background knowledge; examine and explain how and why concepts and procedures can be used; investigate and inquire to extend learning; and design to develop, demonstrate and differentiate talent and thinking.

**Presenter(s):** Erik Francis, ASCD Author/Professional Education Specialist, Maverik Education LLC, Scottsdale, AZ

### 385. Teach to Lead: Strategic Partnerships for Student Success and Positive School Culture

Room: 112 Session Type: BP
Objective: 8C

We will discuss one school's journey with Teach to Lead and how it built strategic community partnerships that have supported students and teachers through year one of consolidation. We will walk participants through our experience of building the teacher leadership team and our approach to distributive leadership.

**Presenter(s):** Amy Helms, Curriculum Technology Specialist and Ginger Tedder, Lead Teacher, Starkville-Oktibbeha Consolidated

## 60-MINUTE SESSIONS

School District, Starkville, MS

**386. Ch-Ch-Ch-Ch-Changes... Time May Change Me. I Will Rock My CTE Center (Part 2 of 4)**

Room: 219 Session Type: SC
Objective: 8D

Discover how one career and technical education center rocked the findings of a Technical Assistance Visit, focused project-based learning training and a mission/vision, and turned their improvement guitar amps to 11. School "front men and women" will share how they developed a blazing chorus to guide instructors in a curriculum review, program evaluation and ripping rapid implementation of project-based learning.

**Presenter(s):** Brandon Russell, Assistant Director and Jeaniene Thompson,

## 60-MINUTE SESSIONS

Administration, Columbia Area Career Center, Columbia, MO; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

**387. Using 2016 TCTW Student and Teacher Survey Data**

Room: 216-217 Session Type: BP
Objective: 8E

Bring your 2016 TCTW Student and Teacher Survey data to this session to take a deeper look at how your students and teachers perceive your center. The presentation will highlight key indicators of student achievement, priorities promoted by TCTW and using other school data to drive improvement in your center.

**Presenter(s):** Carolyn Helm, TCTW Lead Specialist, SREB, Atlanta, GA

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 388. Inquire, Imagine, Create: Engineering Design in Aerospace Engineering

Room: L15 Session Type: MS
Objective: 1D Table: 1

Learn how students and teachers utilize the seven steps of the Engineering Design Process to successfully complete a real-world project unit from Aerospace Engineering Course 1.

**Presenter(s):** Kimberly Cortines, AC Aerospace Engineering Teacher, Oak Hill High School, Oak Hill, WV

### 389. Engaging Postseconday and Industry Partners

Room: L15 Session Type: MS
Objective: 2A Table: 2

We have engaged postsecondary for curriculum development, professional development and project-based learning opportunities. Industry partners offer internships, job shadowing and career exploration. Hear how we did it!

**Presenter(s):** William Hook, Principal, Chicago High School for Agricultural Sciences, Chicago, IL

### 390. Activities for Algebra II for Improving Algebraic Thinking

Room: L15 Session Type: MS
Objective: 4A Table: 3

Participants will experience activities that reinforce algebraic concepts such as functions, determining the equation of a parabola and comparing theoretical and experimental probability.

**Presenter(s):** Claudia Maness, President, CORD Communications, Waco, TX

### 391. Reading for Meaning: Strategies for All Students

Room: L15 Session Type: MS
Objective: 4A Table: 4

Learn how to use a daily approach using grade-level texts to teach reading that helps students acquire new information, relate to prior knowledge and increase critical thinking.

**Presenter(s):** Judith Holbrook, Teacher - Retired, Fayette County Schools, Peachtree City, GA

### 392. Going One to One in a Rural School Setting

Room: L15 Session Type: MS
Objective: 5A Table: 5

Presenters will share their journey of transforming their school into a one-to-one digital setting. See how to prepare students, parents and teachers to embrace this change in a short period of time.

**Presenter(s):** Jamie Durant, Principal; and Kevin Taylor, Stacey White and Chris Walters, Assistant Principals, West Rowan High School, Mt. Ulla, NC

### 393. Deficiency to Proficiency: RTI Strategies From One Urban High School

Room: L15 Session Type: MS
Objective: 5B Table: 6

See how this high school provides tiered interventions for students with amazing results: Increased student engagement; decreased failure rates; and strengthened collaboration between students, teachers and their families.

**Presenter(s):** Jarrod Hunt, Administrative Intern and Ann Washbish, Teacher, Fern Creek High School, Louisville, KY

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 394. Engaging Students in Informational Texts

Room: L15 Session Type: MS
Objective: 5C Table: 7

Today's students tend to be technologically literate, but lack the skills to evaluate and use information effectively. Develop a deep understanding of specific reading skills critical for evaluating information.

**Presenter(s):** Melanie Willette, International Trainer and Coach, Kagan Professional Development, San Clemente, CA

### 395. Technical Texts Accessible to Students in Project-Based Assignments

Room: L15 Session Type: MS
Objective: 6B Table: 8

In CTE fields, information often includes diagrams, tables, charts and a variety of digital and/or online formats. Learn how to support students in understanding technical texts.

**Presenter(s):** Teresa Rogers, Literacy Consultant, Kentucky Department of Education, Frankfort, KY

### 396. The Successful Marriage of Counseling for Careers and Advanced Career

Room: L15 Session Type: MS
Objective: 7C Table: 9

See how one high school is implementing seven essential strategies of Counseling for Careers (C4C) with fidelity, resulting in successful Advanced Career pathways. O

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers, SREB, Atlanta, GA; and Melinda Isaacs, Principal, Clay County High School, Clay, WV

### 397. Homework Help: Assisting Students Complete the Work

Room: L15 Session Type: MS
Objective: 7D Table: 10

Experienced educators know there are two kinds of students who do not complete work. Learn about one system that separated the two and helped each group grow academically.

**Presenter(s):** Kenneth Christian, Teacher, Jefferson County Public Schools, Louisville, KY; and Barbara Moore, School Improvement Consultant, SREB, Atlanta, GA

### 398. Flexible and Innovative Scheduling With an Eight-Period Day

Room: L15 Session Type: MS
Objective: 7D Table: 11

Learn how this flexible schedule has allowed for professional learning communities to flourish and provided time for enrichment and intervention opportunities during the school day.

**Presenter(s):** Allison Gleichauf and Nichole Hicks, Teachers; and Joe Rowe, Principal, Ironton High School, Ironton, OH

### 399. What Is CTE Excellence?

Room: L15 Session Type: MS
Objective: 8A Table: 12

Learn how this district has developed a data-driven evaluation model to determine excellence at the teacher level, at the cluster level and at the department level.

**Presenter(s):** Luann Argersinger, Counselor; David Reynolds, Director; and Kevin Ross, Coordinator, Bryan High School – Blue Campus, Bryan, TX

**TWO MINI-SHARING SESSIONS** **25-MINUTES EACH**

**400. Total Participation Techniques: Every Student an Active Learner**

Room: L15 Session Type: MS
Objective: 8A Table: 13

CANCELLED

Participants will be creating their own Total Participation Techniques (TPTs) to take back to their schools and implement the very next school day.

**Presenter(s):** Candice Brucke, Assistant Principal, Instruction, West-Oak Middle School, Westminster, SC

**401. Leading the Way: Implementing the TCTW Key Practices**

Room: L15 Session Type: MS
Objective: 8C Table: 14

See how our technology center implemented the TCTW design. Attendees can take away some ideas or share their own ideas.

**Presenter(s):** Shelly Cobb, Assistant Supervisor and Mallory Douglas, Coordinator of Work Based Learning, Jefferson-Lewis BOCES, Glenfield, NY

**TWO MINI-SHARING SESSIONS** **25-MINUTES EACH**

**402. A Five-Step Process for PLCs**

Room: L15 Session Type: MS
Objective: 8E Table: 15

The presenters will show how a weekly professional learning community session works for a general education teacher and an intervention specialist. We will share successful five-step plans that are used in our school to address students' needs.

**Presenter(s):** Dan Camburn, ELA Teacher; Angela Demchak, Science Teacher; Kristen Domonkos, Intervention Specialist/HSTW Coordinator; and Doug Stull, Intervention Specialist, Akron Public Schools, Akron, OH

## 120-MINUTE SESSIONS

### 403. Feedback That Works: Helping Teachers Through Quality Feedback

Room: L4 Session Type: DD
Objective: 3A

Whether learning to drive or teaching a Literacy Design Collaborative module, feedback is essential for success. When teachers use LDC, how can coaches and leaders give feedback that will help teachers meet the goals they set for themselves and their students? Learn about tools available to ensure we give feedback that makes a difference.

**Presenter(s):** Daniel Rock, Lead Literacy Consultant, SREB, Atlanta, GA

### 404. Achieving Success for Every Student

Room: L7 Session Type: DD
Objective: 5B

The culture of assessment needs to reflect that every student is capable of — and expected to — produce acceptable work. Participants will explore a range of strategies (grading, extra help, redo/revision and reteaching practices) to ensure that more students meet or exceed grade-level standards in core academic and career and technical education courses.

**Presenter(s):** Alan Veach, School Improvement Consultant, SREB, Atlanta, GA

### 405. New Opportunities for CTE in Every Student Succeeds Act

Room: 212-213 Session Type: DD
Objective: 6A

The passage of the Every Student Succeeds Act (ESSA) marked a major step toward ensuring that all students are prepared to graduate from high school ready for college and careers. The new law includes critical measures to strengthen the role of career and technical education in our nation's K-12 education system.

**Presenter(s):** Mitchell Coppes, Legislative and Regulatory Affairs Manager, Association for Career and Technical Education, Alexandria, VA

## FEATURED SPEAKERS 60-MINUTE SESSIONS

Christopher Eng

### 406. Military Cyber Training and Opportunities

Room: 209 Session Type: BP
Objective: 1E

A strong STEM education or background is increasingly important to the success of new military recruits, particularly for those who will serve as "cyber warriors." This session will discuss the opportunities, training and desired attributes for cyber warriors, who operate in a complex global information system with exponential technology advances.

**Presenter(s):** Christopher Eng, Commander, U.S. Navy, Center for Information Dominance Unit Corry Station, Pensacola, FL

## FEATURED SPEAKERS 60-MINUTE SESSIONS

Joe Hendershott

### 407. Understanding and Reaching the Wounded Student

Room: Cascade Ballroom C Session Type: BP
Objective: 3D

Based on the presenter's book *Reaching The Wounded Student*, this session will look at ways to encourage the wounded student to find academic and life success. By looking at the effects of trauma, the presenter will describe methods for boosting esteem, creating empathic connections, cultivating community and devising alternative discipline to help students remain in the classroom.

**Presenter(s):** Joe Hendershott, Founder/President, Hope 4 The Wounded, LLC, Ashland, OH

Robert L. Canady

### 408. Accelerating Literacy Achievement in the Early Grades: Making It Happen

Room: 109 Session Type: BP
Objective: 4A

Even as higher levels of literacy are demanded, less than one-third of fourth- and eighth-graders were designated in the 2013 and 2015 NAEP reports as being proficient in reading. We must stress prevention, which requires a laser focus on Tier I so fewer students will need Tiers II and III. See how early literacy acceleration requires schools to focus on the six variables identified by R. Allington.

**Presenter(s):** Robert Lynn Canady, Administrative Consultant, Canady Consulting, Charlottesville, VA

David Shepard

### 409. Changing to a Double Block Master Schedule

Room: Cascade Ballroom A Session Type: BP
Objective: 7D

Schools and centers are adopting a four- or five-period instructional day to provide students extra time and help to be more successful. With this change it has become vital that all teachers are involved in the decision-making process and also have the skills needed to teach in longer blocks of time. This session is designed to outline the steps necessary to make such a transition.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY

Thomas Glanton

### 410. Mastering Parental Involvement: Keeping Kids Out of the Office

Room: Cascade Ballroom B Session Type: BP
Objective: 8E

Learn strategies for communicating successfully with unfocused, hostile, non-responsive, helicopter and enabling parents. Get them to work with you, not against you, through assertive communication and defined conferencing skills. The development of an easy-to-use home/school plan will result in more focused, successful students and parents.

**Presenter(s):** Thomas Glanton, President, The Education Company, Decatur, GA

## FEATURED SPEAKERS

Larissa Pahomov

### 411. How to Build (Online) Teacher Tools That Work

Room: 207 Session Type: BP
Objective: 8E

Learn how one school's inquiry-based model and 1:1 laptop program influences teaching and learning. In this session, participants will learn about our design process and workshop their own ideas to create effective tools for both classroom and administrative purposes. Copious examples will also be shared during the session for reference.

**Presenter(s):** Larissa Pahomov, Teacher & Author, Science Leadership Academy, Philadelphia, PA

## 60-MINUTE SESSIONS

### 412. Say YES! With Youth Employment Solutions

Room: Exhibit Hall 1AB Session Type: BP
Objective: 1C

In partnership with the Kentucky Department of Education's Office of Career and Technical Education, the Youth Employment Solutions program is allowing more businesses to say "yes" to work-based learning apprentice, co-op and paid internship positions. Topics covered include education-industry partnership, student opportunity and success, and what saying "YES!" can do for you.

**Presenter(s):** Megan Bethel, Senior Client Program Manager, Youth Employment Solutions, Lexington, KY; and Mary Taylor, Industry Training and Development Specialist, KDE Office of CTE, Frankfort, KY

### 413. CTE Students Interviewing Professionals in the Field

Room: 218 Session Type: BP
Objective: 1D

This practical session examines skills students need to interact with professionals and see a point of view outside the school walls. Participants learn how to prepare students for professional interactions, develop good questions, interview others, overcome social anxiety and speak with adults. Also covered: Communication tools Advanced Career uses to interact with professionals in the field.

**Presenter(s):** Beth Green, Project Manager, Advanced Career, SREB, Atlanta, GA

### 414. Advanced Career STEM Pathways: AC Teachers' Perspectives

Room: Conference Theater Session Type: BP
Objective: 1D

This panel discussion will be moderated by Gene Bottoms, senior vice president of SREB, and will feature outstanding Advanced Career (AC) teachers discussing key features of AC pathways and the impact AC has had on student engagement, expectations and results. Hear how AC is changing the face of career and technical education!

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA; Kimberly Cortines, AC Aerospace Engineering Teacher, Oak Hill High School, Oak Hill, WV; Kevin Hoover, AC Informatics Teacher, Carroll County Area Technology Center, Carrollton, KY; and Sara Smith, AC Clean Energy Technology Teacher, Goose Creek High School, Goose Creek, SC

## 60-MINUTE SESSIONS

### 415. Creating Authentic PBL Through Externships and Business Partners

Room: 106 Session Type: BP
Objective: 2C

Participants will be provided a firsthand example of how English and IT teachers collaborated with a local business partner to create real-world, project-based learning. The speakers will walk through the summer externship experience, collaboration efforts, the process for creating projects and evaluations, and showcase student work. Hear from both a teacher and business perspective.

**Presenter(s):** James Coomes, CTE Teacher and Kim Draewell, English Teacher, JCPS, Louisville, KY; and Paige Reh, HR Director, Strategic Communications, Louisville, KY

### 416. Improving Writing Through Focus and Annotation

Room: L1 Session Type: BP
Objective: 3A

In this interactive session, the presenter will share an innovative writing approach that allows students to think like — and revise like — writers. Participants will learn how students can become cognitively aware of their own writing practices through focus and annotation. Every writing assignment becomes a meaningful learning experience, and students overcome their writing fears.

**Presenter(s):** Dawn Burnette, Teacher, Burnette Academy, Blairsville, GA

### 417. Having the Courage to Attempt LDC

Room: L6 Session Type: BP
Objective: 3A

The Literacy Design Collaborative (LDC) framework may seem intimidating and confusing for many teachers. However, the system can be quite simple and effective. The presenters share experiences with their first and second LDC modules. Increases in engagement, understanding and literacy resulted. Any teacher can do this if he or she simply has the courage to try something new.

**Presenter(s):** Jean Lee, Literacy Consultant, SREB, Atlanta, GA; and Eric Masaitis, Teacher, Sumter School District, Sumter, SC

### 418. Mini-Tasks as Formative Assessments: Data to Inform Instruction

Room: L2 Session Type: BP
Objective: 3A

Participants will analyze student work samples created through mini-tasks by middle grades and high school students in various content areas. Our focus will be to determine the effectiveness of the strategies used for instruction and plan for corrective instruction to meet students' needs. We will also focus on the importance of standards/skills-alignment for the product, instructional strategies and scoring criteria.

**Presenter(s):** Pamela Broome, Literacy Consultant, SREB, Atlanta, GA

### 419. Sheldon and the Five C's: Mathematical Thinking for Everyone

Room: L5 Session Type: BP
Objective: 3B

Participants in this interactive session will learn how to integrate mathematical thinking into any career and technical education or academic classroom. See how the use of algorithms, flowcharts and technical writing can enhance any content area, teaching students the analytical, critical, reasoning, problem-solving and communication skills needed for success.

**Presenter(s):** Greta Riffle, Integrated Academics Math IV Instructor, Cass Career Center, Harrisonville, MO

## 60-MINUTE SESSIONS

### 420. Mathematics Teachers Supporting CTE Success: West Virginia's Effort

Room: 203-206 Session Type: BP
Objective: 3B

Two pioneer mathematics teachers describe their roles as embedded teachers, coaches and collaborators. Their journey includes incorporating tenets from the Mathematics Design Collaborative to enhance career and technical (CTE) lessons and projects, co-planning with CTE teachers, and analyzing how best to address math concepts "just in time." The presenters will describe the impact this has had on student readiness.

**Presenter(s):** Jessica Campbell, Mathematics Instructor, Ben Franklin Career Center, Dunbar, WV; Kathleen McNally, School Improvement Consultant, SREB, Atlanta, GA; and Jenny Pippin, Math Teacher, Randolph Technical Center, Elkins, WV

### 421. Revolutionize the Classroom for Gen Z

Room: L11 Session Type: BP
Objective: 3C

In this engaging session, participants will learn how to empower the classroom and transform instruction from the Millennial Generation to Gen Z. Every minute in the classroom should have an impact. Be prepared to enjoy strategies of proven success with a Google-Certified Teacher and revolutionize instruction.

**Presenter(s):** Theresa Hamm, Teacher, Pendleton High School, Pendleton, SC

### 422. Seniors Prepared for College Math? This Course Gets Them Ready!

Room: L3 Session Type: BP
Objective: 3D

Explore the senior math course that actually prepares students to be college and career ready. Math Ready is a tested course used in high schools across the nation. Students engage in rigorous mathematical activities to develop critical thinking by solving real-world problems. Learn how to implement the course and improve student performance in mathematics.

**Presenter(s):** Kenna Barger, Director of Product and Material Management and John Squires, Readiness Director, SREB, Atlanta, GA

### 423. Reading for Meaning: Strategies for All Students

Room: L10 Session Type: BP
Objective: 4A

Learn how to use a systematic, organized, daily approach using grade-level texts to teach reading that helps students acquire new information, relate to prior knowledge, summarize what they have read and increase critical thinking. This is a hands-on session that includes great strategies for increasing reading comprehension.

**Presenter(s):** Judith Holbrook, Retired Teacher, Fayette County Schools, Peachtree City, GA

### 424. JCAP: A Personalized Approach

Room: 202 Session Type: BP
Objective: 4D

In this session, a high school counselor shares how her school has created a personalized advisory program that centers on setting goals that align with career aspirations. The program at this high school has aligned academies with advisory where students meet in small groups that create an advocacy pathway for the students.

**Presenter(s):** Allyson Morgan, School Improvement Consultant, SREB, Atlanta, GA; Laura Smith, Counselor, Clay-Chalkville High School, Pinson, AL; and Shannon Stanley, Deputy Superintendent, Teaching & Learning, Jefferson County Schools, Birmingham, AL

## 60-MINUTE SESSIONS

### 425. EdTech Tools for Formative Assessment

Room: 201 Session Type: BP
Objective: 5A

Holy interactive! Have you heard of Peacock, Kahoot, exit ticket, Poll Anywhere and more? The presenters will share how to use these tools to create lessons that incorporate assessments throughout the class period that involve getting feedback from every student. See how you can increase rigor while working efficiently to meet the needs of every student. Learn about the impact this is having on student achievement.

**Presenter(s):** Heather DeLaurent, Library Media Specialist, Camdenton R-III School District, Camdenton, MO; and Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA

### 426. The Senior Capstone Project Experience

Room: L8 Session Type: BP
Objective: 5A

The senior capstone project is designed to prepare students for college-level learning and career success after high school in a global society. Participants will learn how to effectively take students through the process of completing a capstone project in a personalized learning environment while mastering essential communication skills.

**Presenter(s):** Valerie Ayers, Teacher and Jeff Boozer, Assistant Principal, Pendleton High, Anderson, SC

### 427. Increasing Higher-Order Thinking Via Higher-Order Questions

Room: 216-217 Session Type: BP
Objective: 5B

Educators can maximize students' thinking skills by minimizing teacher talking time. Involving students in questioning and learner talk keeps students engaged and thinking. Educators can take steps to improve the quality of their questions. Positive outcomes of timing, various types of questions and prompts are topics that will be covered in this session.

**Presenter(s):** Susan Harrison, Independent Consultant, Montgomery, AL

### 428. ClearMath®: High-Yield Teaching That Develops Critical Thinking

Room: L9 Session Type: BP
Objective: 5C

This interactive presentation for teachers and administrators features making the lesson fit the student instead of the student fitting the lesson. Critical thinking is the focus. Procedures are a by-product. The presentation will emphasize perceptions, questions, conversation and connections to prevent fragmented learning. This pedagogy will be defined, validated and demonstrated.

**Presenter(s):** Don White, Founder, ClearMath®, London, KY

### 429. Three Pillars: Culture, Technology and Personalized Learning

Room: 116 Session Type: SC
Objective: 5C

During this session, participants will hear about how a large, high-poverty school implemented these programs to transform the high school experience for all stakeholders while improving academic outcomes for students. This presentation describes successful implementation strategies to integrate personalized learning, CKH and one-to-one iPad technology.

**Presenter(s):** Kim Wilson, Principal, R.B. Stall High School, North Charleston, SC

## 60-MINUTE SESSIONS

### 430. Changing Focus From Graduation to Life After Graduation

Room: 214-215 Session Type: BP
Objective: 5D

The early college high school model has inspired a New Mexico high school to promote education and training beyond a high school diploma. Programs of study were developed using state and local employment data and student interest survey results. Using the programs of study as guides to promote student engagement, students create personalized plans for learning.

**Presenter(s):** Andrea Batista, Science Teacher and Porter Cutrell, Principal, Early College and University High School, Roswell, NM; Clara Clark, School Improvement Consultant, SREB, Atlanta, GA; and Robert Bleisch, Teacher, Texas Tech University, Roswell, NM

### 431. Addressing the Needs of New CTE Teachers

Room: 208 Session Type: BP
Objective: 6A

Teaching to Lead is a professional development induction model designed to accelerate the transition of business and industry professionals into the classroom. Attendees will learn how West Virginia is providing yearlong professional development to support business and industry professionals in becoming effective and engaging career and technical education teachers.

**Presenter(s):** Nancy Headrick, Director, Career and Technical Education Teacher Preparation Program, SREB, Atlanta; Barry Jones, Drafting/Power Energy Teacher, Mercer County Technical Education Center, Princeton, WV; Paul Lovett and David Yost, CTE Teacher Educators; Brenda Tuckwiller, Chair, Teacher Training; Richard Yocke, Teaching Associate Professor, West Virginia University Institute of Technology, Montgomery, WV; Donna Van Metre, Director/Principal, James Rumsey Technical Institute, Martinsburg, WV; and Joseph Woods, ProStart Instructor, Marion County Technical Center, Farmington, WV

### 432. Integration of Specific Math Standards Within CTE Programs

Room: 107 Session Type: BP
Objective: 7A

This session will provide information on how state math standards can be integrated into daily career and technical education (CTE) lesson planning. These math standards are specific to each CTE program area and have been matched to specific CTE curricula and standards. See how this can be done at your local school and/or district.

**Presenter(s):** Joe Cougill, Math Integration Specialist, Central Nine Career Center, Greenwood, IN

### 433. Overcoming Obstacles to Implementing Advisory Systems

Room: 113 Session Type: BP
Objective: 7C

Many schools struggle with implementing effective advisory systems. The presenter will give a brief overview describing variables of effective, evidence-based advisories and what impedes and empowers advisory programs. She will share the results of her extreme-groups study that identified 11 key leadership practices that were prevalent in highly implemented advisories.

**Presenter(s):** Barbara Brady, School Counseling Coordinator, West Virginia Department of Education, Charleston, WV

## 60-MINUTE SESSIONS

### 434. How to Build a Brick House School Culture

Room: 103 Session Type: BP
Objective: 7D

Are you tired of apathy destroying your classroom and school? Are you ready to hold students accountable for learning? In this session, participants will discover how to form the foundation every school needs to defeat student apathy and walk away with blueprints for building a rock solid Brick House culture!

**Presenter(s):** Sherri Nelson, Director of Instruction, Huron School District, Huron, SD

### 435. Now THAT'S a Good Question! Questioning for Cognitive Rigor

Room: 210 Session Type: BP
Objective: 8A

What is a good question — or rather, how does a good question prompt and encourage students to think deeply and express and share the depth of their learning? Learn how to develop good questions that address the cognitive rigor of college- and career-readiness standards by challenging and engaging students to demonstrate higher-order thinking and communicate depth of knowledge in detail, insightfully, and in their own unique way.

**Presenter(s):** Erik Francis, ASCD Author/Professional Education Specialist, Maverik Education, LLC, Scottsdale, AZ

### 436. Expanding the Boundaries of Leadership: Talking the Talk or Walking the Walk?

Room: 211 Session Type: SC
Objective: 8C

As a leader, control sharing can be difficult. Using the HSTW approach, this high school moved from "boss leadership" with one pathway to a shared leadership among staff with multiple streets and avenues to pursue educational goals as a campus. This presentation will be led by a principal and two teacher-leaders that lived this journey over the past two years.

**Presenter(s):** Colleen Cox and Danielle Sandoval, Teachers/Focus Team Chairs; and Holly La Roe, Principal, Texas City High School, Texas City, TX

### 437. Academy Reboot: How to Generate Energy and Excitement

Room: 112 Session Type: BP
Objective: 8D

When that "new academy smell" dissipates and the newness has worn off, what can you do to reboot to breathe new life into the academy program at your school? How do you create the necessary energy and excitement to bring all stakeholders back to the academy focus? We'll discuss successful strategies at this session to put renewed varoom into the academy process.

**Presenter(s):** Danyel Dollard, Principal; and Charles Bowman, Willis Smith and Sonya Neilson, Assistant Principals, Shiloh High School, Snellville, GA

### 438. You Say You Want a Revolution? Rebranding and Marketing a Career Center (Part 3 of 4)

Room: 219 Session Type: SC
Objective: 8D

A strategic communications manager overviews her first year of revolutionizing the corporate identity of a technology career center. Come rock to learn how branding, marketing, social media and even a style guide can get the public to perk its ears towards what you're laying down.

**Presenter(s):** Amanda Brown, Strategic Communications Manager and Randall Gooch, Director, Columbia Area Career Center, Columbia, MO; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 439. Developing Workforce Connections: Multiple Pathways to Student Success

Room: L15 Session Type: MS
Objective: 1A Table: 1

Learn how career and technical education (CTE) programs can create multiple pathways to student success. We will also dispel some of the stereotypes associated with CTE programs.

**Presenter(s):** Sheila Gauvreau, Integrated Software Instructor; Elizabeth Mullens, Math Instructor; Brian Turner, Dean of Students; and Virginique Whitmore, Marketing Education Instructor, Buchtel CLC, Akron, OH

### 440. A Vision of HSTW Career Pathways/Academies: The New HSTW Design

Room: L15 Session Type: MS
Objective: 1A Table: 2

Review a sample HSTW high school built upon the new design principles. The model uses a career pathway/academy structure that provides students with a challenging academic core linked to high-quality CTE programs.

**Presenter(s):** Scott Warren, Director of State Initiatives, SREB, Atlanta, GA

### 441. Aligning K-12 Students to Regional Career Needs

Room: L15 Session Type: MS
Objective: 1B Table: 3

Learn how one district, in partnership with Battelle for Kids, Tennessee College of Applied Technology Centers, MSSC and NCCR, established a pilot program to introduce certificate earning power for students behind on graduation requirements.

**Presenter(s):** Allen Pratt, 9-12 Curriculum, Marion County Schools, Jasper, TN

### 442. Translation Academy "iTranslate"

Room: L15 Session Type: MS
Objective: 1C Table: 4

Learn how this academy connects the community through translation and interpretation services. More than 80 percent of students are Hispanic, and most are bilingual.

**Presenter(s):** Paige Watts, Teacher, Morris Innovative High School, Dalton, GA

### 443. Collective Action Strategies for Increasing Readiness, Access and Success

Room: L15 Session Type: MS
Objective: 2A Table: 5

Three K-12 districts and a local college have created the Northwest Educational Council for Student Success (NCESS). This session will feature dual-credit, college-readiness programs and 34 career pathways.

**Presenter(s):** Judy Marwick, Provost, William Rainey Harper College, Palatine, IL

### 444. Why Can't These Kids Read and Write?

Room: L15 Session Type: MS
Objective: 3D Table: 6

Intervention strategies are available to help students, specifically with LDC modules. Research shows that by teaching students skills to help themselves and each other, students have greater opportunities for success.

**Presenter(s):** Georgia Pavlic, Assistant Principal/Site Coordinator and Peggy Pyle, Teacher, Indian Creek High School, Wintersville, OH

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 445. Battleships, Shuffleboard and Problem Solving: Find the Connection

Room: L15 Session Type: MS
Objective: 4A Table: 7

Experience innovative activities that reinforce algebraic concepts. Attendees will do this by mastering a competition at sea: Playing Battleship, mines and shuffleboard, and testing their reaction times!

**Presenter(s):** Claudia Maness, President, CORD Communications, Waco, TX

### 446. ACT Assessment Scores When Impacted by ACT Preparation Courses

Room: L15 Session Type: MS
Objective: 4B Table: 8

Discover the impact of ACT preparation courses through a study that compared students engaged in no preparation course, a school-based preparation course and a preparation course provided by a commercial vendor.

**Presenter(s):** Erin Luster, Doctoral Student, Union University, Memphis, TN

### 447. Using an Eighth-Grade Dinner to Bridge Middle Grades and High School

Room: L15 Session Type: MS
Objective: 4E Table: 9

Our schools invite all eighth-graders and their parents to a dinner where multiple presenters provide information for high school and beyond. Class scheduling is also started for their freshmen year.

**Presenter(s):** Kevin Shupe, Assistant Principal, Mineral County Schools, Cumberland, MD; and Rebecca Williams, Teacher, Frankfort Middle School, Keyser, WV

### 448. Using Tailored Personal Learning Experiences

Room: L15 Session Type: MS
Objective: 5A Table: 10

This session will provide participants with ready-made lessons that demonstrate how to use 21st-century technology applications to personalize learning while meeting the required course standards and objectives.

**Presenter(s):** Kimberly Lockwood, College Professor/High School Teacher, University of Phoenix, Spring Hill, TN

### 449. If It's Not Personalized Learning, Then How Personal Can I Make Mathematics Instruction?

Room: L15 Session Type: MS
Objective: 5A Table: 11

Explore the definition of personalized learning and contrast it with the traditional learning model. Learn the roles teachers and students assume in a personalized learning model for mathematics.

**Presenter(s):** John Brocket, Mathematics Instructor, Power of I Coordinator, Wren High School, Piedmont, SC

### 450. Flipping the Classroom: Why Should I Even Care?

Room: L15 Session Type: MS
Objective: 5B Table: 12

What does "flipping the classroom" mean? We will demonstrate how students can review cloud content, self-assess at home, manage projects and come to school better prepared for engaging, hands-on instruction.

**Presenter(s):** Nai Wang, Founder & President, KP Education Systems, Phoenix, AZ

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**451. Crime Analysis: Engaging Students in Relevant, Real-World Problems**

Room: L15 Session Type: MS
Objective: 5C Table: 13

This session describes a real-world project, researched and performed by high school students. The project integrates two CTE courses: Forensic Science/Crime Scene Investigation (CSI) and GIS (Geographic Information Systems).

**Presenter(s):** Chris Freeburg, Forensic Science Teacher and Jessica Teifke, Geospatial Intelligence Teacher, Public Service Leadership Academy at Fowler High School, Syracuse, NY

**452. Design Challenges: Facilitating the Innovation Process Into Real-World Projects**

Room: L15 Session Type: MS
Objective: 6B Table: 14

This hands-on sessions for teachers, trainers and specialists will introduce design thinking tools and curriculum integration methods needed to facilitate real-world, STEM-based projects in the classroom.

**Presenter(s):** Kathleen Fritz, CEO/Founder, Creatom Builder, Savannah, GA

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**453. Innovative Opportunities in STEM Education**

Room: L15 Session Type: MS
Objective: 7A Table: 15

This STEM academy is offering innovative opportunities to students in STEM fields encompassing informatics, energy and more. These provide high school students with a credential prior to graduation.

**Presenter(s):** Andrea Zaph, STEM Academy Principal, Collins Career Center, Chesapeake, OH

## 60-MINUTE SESSIONS

### 454. Programs of Study, Career Pathways and Career Pathway Systems: A Systems Perspective

Room: 201 Session Type: BP
Objective: 1A

Career pathways have become the newest approach for improving secondary students' connection to continuing education beyond high school. There is often confusion with regard to its differences, especially in light of initiatives that use the same language but have different meanings. This session will explore these various definitions and identify key elements critical to a successful career pathway.

**Presenter(s):** James Stone, Director, NRCCTE at SREB, Atlanta, GA

### 455. Rigorous Course Options With Postsecondary and Community Partnerships

Room: 218 Session Type: BP
Objective: 1B

Hear how two schools have worked with community and postsecondary partners to offer high-quality, rigorous courses and work-based experiences for students. The session will highlight how both schools have worked to expand career and technical education course offerings and engage local employers to expand internships and apprenticeships. Model career pathways and promotional resources will be shared.

**Presenter(s):** Ivy Alford, Director of State Services for School Improvement and Steve Broome, Director, State Development for High School and Middle Grades, SREB, Atlanta, GA; Porter Cutrell, Principal, Early College and University High School, Roswell, NM; and Glenna Voigt, Director, Media Arts Community Charter School, Albuquerque, NM

### 456. Big Brothers Big Sisters: School to Work Mentor Program

Room: 210 Session Type: BP
Objective: 1C

School to Work is a one-to-one development mentoring program facilitated by Big Brothers Big Sisters (BBBS) designed to provide students with authentic workplace exposure, heighten career awareness, and support college preparation and a post-high school plan for success. The presentation will discuss how School to Work partnerships are formed and function, along with anecdotal evidence of success.

**Presenter(s):** Melissa Hutchins, Training and Quality Assurance Coordinator, Big Brothers Big Sisters of Kentuckiana, Louisville, KY; and Nathan Jebsen, Teacher, Southern High School, Louisville, KY

### 457. Four Big Ideas, One Activity-Filled Semester

Room: L11 Session Type: BP
Objective: 3A

Can you imagine the task of teaching four big ideas and 153 learning objectives in 90 days? It can be done, and this informative session will demonstrate how. The Literacy Design Collaborative offers new ways of presenting these objectives to ensure student success and reduced teacher stress.

**Presenter(s):** Regina O'Leary, Teacher, Vicksburg High School, Vicksburg, MS

## 60-MINUTE SESSIONS

### 458. Enhancing Literacy Through CTE: West Virginia's Wild and Wonderful Work

Room: 203-206 Session Type: BP
Objective: 3A

Learn how adding a literacy specialist in career and technical education (CTE) centers works to enhance students' understanding of both academic and technical standards. Examples, stories and student work reveal how literacy teachers enhance CTE instruction using the Literacy Design Collaborative tools and techniques, and how the effort has resulted in opportunities for students to earn embedded literacy credit as a CTE completer.

**Presenter(s):** Carolyn Baldwin, CTE/English Instructor, Putnam Career and Technical Center, Eleanor, WV; and Kathleen McNally, School Improvement Consultant, SREB, Atlanta, GA

### 459. Breaking Up the Block

Room: Cascade Ballroom C Session Type: BP
Objective: 3C

Struggling to engage students bell-to-bell for over 60 minutes? Don't fear — @looneyteachr is here! Discover how to implement routines and procedures into your daily lessons that will make your students and you wonder how the class period passed so quickly. Learn how to incorporate "old school" activities that keep students' moving and interested in the content as well as new ideas using technology.

**Presenter(s):** Cary Nadzak, Teacher, Charleston County Schools, North Charleston, SC

### 460. Academic Lifeguards — Layers of Support

Room: 103 Session Type: BP
Objective: 3D

Lifeguards save lives; academic lifeguards save students. In this session, attendees will learn how to implement a layered lifeguard system to provide extra time and extra help to struggling students. With academic lifeguards on duty, your school will close the achievement gap and build a culture of learning and accountability!

**Presenter(s):** Sherri Nelson, Director of Instruction, Huron School District, Huron, SD

### 461. "Daily War" Strategies for Defeating Student Apathy

Room: L9 Session Type: BP
Objective: 3D

The daily grind of a school day can be overwhelming for students, teachers and administrators. Missing assignments can easily be pushed aside and learning opportunities overlooked. In this session, participants will learn the strategies one principal uses to unite staff, build momentum for academic success and defeat student apathy.

**Presenter(s):** Cory Crosnoe, Principal, Jackson Junior High, Jackson, MO

### 462. Changing the Odds of an At-Risk Classroom

Room: 211 Session Type: BP
Objective: 3D

Participants will consider student tutors to change class culture and experience greater success. The approach brings students from outside to help guide, mentor, model, personalize learning, conduct basic error analysis and even monitor behavior of students. The embedded peer tutors also help create conditions for sustainable differentiation, all with low cost and high reward.

**Presenter(s):** Brad Lyall, Intervention Coordinator, School District 11, Eastvale, CA

## 60-MINUTE SESSIONS

### 463. Increasing Social Studies Rigor by Adopting the C3 Framework

Room: L1 Session Type: BP
Objective: 4A

Participants will learn how the College, Career and Civic Life (C3) framework (created by Swan, Griffin and Grant) enhances academic rigor by incorporating both inquiry and literacy skills. The C3 framework utilizes both compelling questions and supporting questions to enhance student academic comprehension. Model C3 lessons will be shared.

**Presenter(s):** David Harms, Teacher, Penta Career Center, Perrysburg, OH

### 464. Creating a Career Fair

Room: 113 Session Type: BP
Objective: 5A

This session will trace the implementation of a career fair for sophomores and juniors in a rural area. We gave surveys to students to trace interest in careers, invited parents to provide input and contacted former students and business leaders to participate in a hands-on learning experience. Students also explored a variety of career options through lessons provided to teachers.

**Presenter(s):** Ashley Allen, Teacher; Angela German, Counselor; and Mitzi Quinn, Teacher/Instructional Facilitator, Bastrop High School, Bastrop, LA

### 465. Reading With the Non-Reader

Room: 102 Session Type: BP
Objective: 5A

This session will look at how one middle grades school has taken a unique approach to literacy instruction through the use of “Way-In” and “Stay-In” books.

**Presenter(s):** Stephanie Miller and Erin Trinidad, Teachers, Gra-Mar Middle School, Nashville, TN

### 466. Making Standards-Based Grading Work for You

Room: 107 Session Type: BP
Objective: 5C

Standards-based grading (SBG) is an assessment and grading framework that seeks to make grades more meaningful by providing students with clear expectations, multiple opportunities to demonstrate mastery and targeted feedback. This presentation will focus on practical strategies for implementing a standards-based grading system to create more reflective and engaged learners.

**Presenter(s):** Lauren Stewart, Science Teacher, Sylvania Northview High School, Sylvania, OH

### 467. Instructional Design for CTE

Room: 208 Session Type: BP
Objective: 6A

This session will provide participants an opportunity to learn how this career and technical education (CTE) center is using data from its TCTW Technical Assistance Visit and school and program accreditation visits to develop a structured instructional design process. The goal is to improve the overall quality of CTE at the center.

**Presenter(s):** Nancy Headrick, Director, Teaching to Lead Program, SREB, Atlanta, GA; and Jackie Jenkins, Director and Angela Tynes, Communication & Literacy Instructor, Lake Career and Technical Center, Camdenton, MO

## 60-MINUTE SESSIONS

### 468. The Gold Standard for PBL

Room: 214-215 Session Type: BP
Objective: 6B

This session will provide project-based learning (PBL) targets standards while engaging students in authentic applications. According to the Buck Institute, the gold standard for PBL projects includes student learning goals, essential design elements and specific teaching practices. If any of these elements are missing, the quality of the PBL effort can suffer.

**Presenter(s):** Jeanette Hodges, Literacy Consultant, Jeanette Hodges, Educational Consulting, Taylor Mill, KY

### 469. Promoting Cross-Curricular Literacy

Room: 106 Session Type: BP
Objective: 7B

Promoting cross-curricular literacy is the only way to encourage reading and writing in all courses of study. See how one English language arts teacher brings a fictional text to life by incorporating lessons from history, culinary arts, hospitality and tourism, cosmetology, computer graphic arts, and IT programs in her career and technical education courses.

**Presenter(s):** Michelle Carn, English Teacher, Springfield Clark CTC, London, OH

### 470. M&Ms: Mentors and Mentees

Room: 202 Session Type: BP
Objective: 7C

M&Ms makes mentoring/advisory fun! Research has proven that students respond positively to having a mentor at school. Watch attendance rates increase while discipline referrals decrease. Attendees will learn how to plan and implement a mentoring/advisory program with step-by-step instructions.

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers and Barbara Moore, School Improvement Consultant, SREB, Atlanta, GA; and Emily Knox and Judith Wilson, Counselors, Western Middle School, Louisville, KY

### 471. Reducing Ninth-Grade Retention: The Freshman Academy Approach

Room: 116 Session Type: MS
Objective: 7D

Administrators and teachers from a freshman academy will share the myriad of interventions leading to a 98 percent promotion rate for last year’s freshman class. Hear from current students who benefit from the freshman academy structure and receive tools for developing a similar intervention plan in your school.

**Presenter(s):** Sarah Hitchings, Assistant Principal, Waggener High School, Louisville, KY

### 472. Principals Raise Academic Rigor With LDC and Good Assignments

Room: 216-217 Session Type: BP
Objective: 8A

Three school leaders serving urban, suburban and rural schools in Alabama, Florida and Mississippi will share what they have learned using the Literacy Design Collaborative and high-quality classroom assignments to raise academic rigor in their schools. They will discuss the problems of getting teacher buy-in and finding the collaborative planning time necessary.

**Presenter(s):** Angela Jones, School Improvement Officer, Coahoma Agricultural High School, Clarksdale, MS; Glenn Puckett, Principal, Southeastern School, Remlap, AL; Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA; and Stefanie Shames, Principal, Maitland Middle School, Maitland, FL

## 60-MINUTE SESSIONS

### 473. Improving Instructional Practice Using Transformative and Personalized Technology

Room: 115 Session Type: BP
Objective: 8A

Transformative and personalized technologies shared in this session demonstrate numerous supports that are designed to guide the improvement of instructional practice. See what leaders in more than 10,000 schools are successfully using to guide teacher development — for Apple or Android systems. Applicable for K-12, teachers, instructional leaders, coaches and professional development providers.

**Presenter(s):** Paul Shuster, VP Training and Development, Media-X Systems Inc., Ottawa, ON

### 474. Career and Technical Education Students Rock!

Room: 207 Session Type: BP
Objective: 8B

Do your career and technical education (CTE) students receive equal recognition as academic students and athletes? What is your school doing beyond honor cords at graduation and CTE students of the month? This session will focus on how we can promote high-performing CTE students and their achievements in comprehensive high schools and shared-time centers.

**Presenter(s):** Carolyn Helm, TCTW Lead Specialist, SREB, Atlanta, GA

### 475. Energize Team Meetings: Focus, Community and Professionalism

Room: 109 Session Type: BP
Objective: 8C

Get more out of your meetings. Move from less effective team meetings to highly functional, meaningful time spent sharing ideas and expertise with colleagues and stakeholders. We will use foundational and trust-building strategies to increase the collaboration within the team structure as well as other activities and protocols for feedback.

**Presenter(s):** Jane Music and Debbie Schneider, Regional Coaches; and Deborah Rivers, Regional Coordinator, Northwest Ohio Regional Office, Toledo, OH

## 60-MINUTE SESSIONS

### 476. Right Now — It's Your Tomorrow for a Successful PBL (Part 4 of 4)

Room: 219 Session Type: BP
Objective: 8D

What do you get when you mashup baking and pastry with graphic design? A face-melting, collaborative, cross-curricular dessert menu project that tours multiple campuses, student crowds and instructors within a district. Explore how students used a "collaboratory" to break the confines of tradition to stretch teamwork, feedback and problem-solving skills. Start your own dynamic project-based learning!

**Presenter(s):** Anne Hickman, Sandy Morrow and Carri Risner, Instructors, Columbia Area Career Center, Columbia, MO; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 477. Using Strategies Based on Formative Assessments to Build Rigor and Relevance

Room: 112 Session Type: BP
Objective: 8E

Presenters will share what strategies they use based on students' formative assessment scores. Strategies will include the use of technology, teacher collaboration and differentiated instruction. In addition, see how their strategies increased student achievement and how they communicate their results to other staff members and teachers throughout the district.

**Presenter(s):** Monique Binkley, HSTW coordinator; and Chris Box and Joe Nicolino, Teachers, Garfield High School, Akron, OH

## 120-MINUTE SESSIONS

### 478. Leadership That Supports Instruction in Three Words

Room: 207 Session Type: DD
Objective: 8A

Participants will learn to align observations with professional development that supports teacher effectiveness. Learn how to move the lens of observations from a teacher-centered approach to a student-centered focus and how to structure individual and group feedback to guide improvement in teaching and learning.

**Presenter(s):** Chuck Boyd, School Improvement Consultant, SREB, Atlanta, GA

## FEATURED SPEAKERS 120-MINUTE SESSIONS

Joe Hendershott

### 479. Transforming the Lives of Wounded Students

Room: Cascade Ballroom C Session Type: BP
Objective: 3D

This session provides a wealth of strategies for teachers and principals who work with wounded students those who are beyond the point of "at-risk" and have experienced trauma in their lives. Based on evidence in his most recent book, seven key strategies will be shared by the presenter for changing school culture to transform the lives of students.

**Presenter(s):** Joe Hendershott, Founder/President, Hope 4 The Wounded, LLC, Ashland, OH

Paul Sutton

### 480. Building a Culture of Collaboration in Schools

Room: 216-217 Session Type: BP
Objective: 8D

Transforming into a problem-based learning (PBL) school, one high school has embraced collaboration as a pillar of school improvement. Building teachers' expertise around PBL pedagogy, through relevant and collaborative professional learning, has sparked a dramatic shift in teaching and learning. The result has been a markedly more collaborative school culture sustaining ongoing professional learning.

**Presenter(s):** Paul Sutton, Visiting Assistant Professor of Education, Pacific Lutheran University, Tacoma, WA

## 120-MINUTE SESSIONS

### 481. Career Day 2.0

Room: 211 Session Type: BP
Objective: 1C

Spend some time in Career Café — a modified take on a traditional career fair. In conjunction with the guidance department at this middle grades school, students attend a presentation conducted by a practitioner in a career field of their choice. During the mini-sessions, students are allowed to ask questions to help provide an in-depth and firsthand understanding of the career field.

**Presenter(s):** Robin Coletrain, Assistant Principal and Canisha Fletcher and Robert Harris, Teachers, Richland County School District One, Columbia, SC

## 60-MINUTE SESSIONS

### 482. Now That's an Effective Culinary Program!

Room: 208 Session Type: BP
Objective: 2C

A former culinary Olympic team member will share his vision of a culinary program that combines academic and technical concepts in a manner squarely focused on career readiness. Learn about courses based on project-based learning units that engage students in assignments and allow them real-world workplace experiences.

**Presenter(s):** Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA; and Kevin Zink, Culinary Arts Teacher, Carlsbad High School, Carlsbad, NM

### 483. Helping Students Move On When Ready!

Room: L11 Session Type: BP
Objective: 2D

Georgia's Move On When Ready has provided opportunities for students to accelerate and begin preparation for a technical college or university while in high school. Gwinnett County Public Schools has partnered with several postsecondary institutions to provide this opportunity in a variety of delivery methods. Hear about what has worked, what didn't and what is on the horizon.

**Presenter(s):** Tim Hemans, Instructional Coach and Jody Reeves, Executive Director, Academies and CTE, Gwinnett County Public School, Suwanee, GA

### 484. Developing STEM Communities

Room: 219 Session Type: SC
Objective: 2E

Our economic future as a nation hinges on our ability to encourage students to develop STEM skills. To encourage students, communities must unite their political, business and educational leaders to develop and implement a plan with benchmarks to recognize STEM teachers and students. Once they meet the benchmarks, they may promote themselves as a STEM community.

**Presenter(s):** Jim Halligan, State Senator, Oklahoma Senate, Oklahoma City, OK

### 485. What's Monitoring Got to Do With It? Strategies for LDC Success

Room: L6 Session Type: BP
Objective: 3A

Every instructional leader knows monitoring teachers is important, but many feel teachers aren't growing from scheduled evaluative cycles. See how one school implemented a system providing more frequent observations and high-quality, consistent and timely feedback to improve literacy instruction. This session will demonstrate what worked and will provide participants with toolkits to implement LDC monitoring systems in their schools.

**Presenter(s):** Jean Lee, Literacy Consultant, SREB, Atlanta, GA; and Juliana Thompson, Administrator/LDC Coach, Roanoke Rapids Graded School District, Roanoke Rapids, NC

### 486. LDC From the Local Coach's Point of View

Room: L3 Session Type: BP
Objective: 3A

Local coaches from a West Virginia school district describe how they worked with teachers from four rural high schools to teach and implement the Literacy Design Collaborative. They will share their experiences with their teachers during the first year of training and implementation: What's working, what needs work and next steps.

**Presenter(s):** Debbie Hall, School Improvement Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 487. Assessing the Impact: Survey Data to Improve Professional Development

Room: 203-206 Session Type: SC
Objective: 3A

SREB uses the continuous improvement cycle to reflect upon and improve training quality. This session will focus on how SREB uses the data collected from training sessions and from year-end surveys of hundreds of teachers to consistently improve and refine how we support teachers in improving student learning.

**Presenter(s):** Amanda Merritt, Math Consultant; Dan Mollette, Director of Training and Mathematics Lead; and Daniel Rock, Lead Literacy Consultant, SREB, Atlanta, GA

### 488. Effective Questioning for Building Deeper Understandings

Room: L7 Session Type: BP
Objective: 3B

Effective questioning is key for promoting student self-reliance. Participants will engage in an activity, specifically targeting grades four through nine, that models the use of feedback questions at key points in the problem-solving process. Clue Cards and the Q-Pyramid will be introduced as tools to aid in developing effective questioning.

**Presenter(s):** Tammy Jones, Consultant, TLJ Consulting Group, LLC, Lebanon, TN; and Leslie Texas, Consultant, Leslie Texas Consulting, LLC, Louisville, KY

### 489. Manipulating Mathematical Discourse in Middle Grades

Room: L4 Session Type: BP
Objective: 3B

Questioning techniques will be modeled as well as structuring lessons to move students from concrete examples using manipulatives, to progressing through charts and graphs and finally ending with more abstract representations in the form of algebraic equations.

**Presenter(s):** Marcelle Powell, Teacher, Hobbton Middle School, Clinton, NC; and Cathey Ritter, Independent Math Consultant, Vestavia Hills, AL

### 490. Three High Schools, Three States, One Interstate Collaborative Project

Room: L8 Session Type: BP
Objective: 3C

This presentation will tell the story of how three groups of students from Ohio, Texas and Pennsylvania came together to develop a project focusing on technology to enhance local emergency services. Students communicated, worked toward one goal and succeeded despite the challenges imposed by the distances between them.

**Presenter(s):** Barton Burnett, Engineering Instructor, Dubiski Career High School, Grand Prairie, TX; Jason Chilman, Director of Attendance and Discipline, Springfield-Clark Career and Technology Center, Springfield, OH; Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA; MaryAnn Volders, Vice President, Secondary Education, Central Pennsylvania Institute of Science and Technology, Pleasant Gap, PA

### 491. A Strategic Approach to Filling a Critical Gap

Room: L2 Session Type: BP
Objective: 3D

See how to interconnect positive behavior intervention systems with mental health. Learn about gaps between these two frameworks and how simple social/emotional learning (SEL), yoga and mindfulness tools and strategies help fill those gaps.

**Presenter(s):** Carla Tantillo-Philibert, Founder, Mindful Practices, Oak Park, IL

## 60-MINUTE SESSIONS

### 492. Strengthening Students' Abilities to Perform Rigorous Literacy Tasks

Room: L5 Session Type: BP
Objective: 4A

The dynamics of planning and teaching that increase students' abilities to perform rigorous literacy-based assignments, including best teaching practices such as backwards planning and scaffolding instruction, will be addressed. The Z4 (Zone 4) method, an original approach to planning instruction used by the presenter, will be used as a resource for facilitating this session.

**Presenter(s):** Quinton Granville, Literacy Consultant, SREB, Atlanta, GA

### 493. A Practical Guide for Courses Aligned With College and Career Readiness

Room: 212-213 Session Type: BP
Objective: 4B

College- and career-readiness standards often present a conundrum to educators as they strive to incorporate learning standards with the practical application of preparing and assessing students for postsecondary or career pathways. This presentation will provide guidance in the development, implementation and integration of courses and activities.

**Presenter(s):** Patricia Hoffman-Miller, Associate Professor, Prairie View A&M University, Prairie View, TX

### 494. Challenging Students Through Engaging Middle Grades STEM Projects

Room: 218 Session Type: BP
Objective: 4B

Learn about a collaboration to develop 12 middle grades STEM projects. Each project requires students to apply academic and technical skills to complete, while allowing them to explore a variety of potential career pathways in STEM fields. We'll describe the development process, provide a description of the projects and discuss opportunities for middle grades schools to access the projects.

**Presenter(s):** Stanley Hopkins, Independent Consultant, Mount Alto, WV

### 495. Advancing Career Readiness Through 21st-Century Skills Development

Room: L1 Session Type: BP
Objective: 5A

This panel presentation will focus on how a collaborative effort by faculty and staff effectively implemented a student professional development workshop for an entire career and technical education center. The workshop focused on 21st-century skills such as attendance, ethical behavior, goal setting, time management, interpersonal skills, resumes and technological etiquette.

**Presenter(s):** Sara Buckles, Engineering Instructor; Cory DeVaul, Law Enforcement Instructor; Ginger McCabe, Computer Engineering Instructor; and Rachel Mormino, Health Science Instructor, Career and Technology Center at Fort Osage, Independence, MO

### 496. Using Tailored Personal Learning Experiences

Room: L9 Session Type: BP
Objective: 5A

This session will provide participants with ready-made lessons that are applicable for any discipline at the high school level. The focus of the lessons will demonstrate how to use 21st-century technology applications to personalize learning while meeting the required course standards and objectives.

**Presenter(s):** Kimberly Lockwood, College Professor/High School Teacher, University of Phoenix, Spring Hill, TN

## 60-MINUTE SESSIONS

### 497. SSR: The Student Success Road Map

Room: 102 Session Type: BP
Objective: 5B

Learn about SSR, a systematic guided program for students and their parents to help with the transition to high school. Through the program, students identify areas of academic strength, interest and need. Using the included academic guidance tools and resources, they plan a preliminary four-year high school course of study.

**Presenter(s):** Katherine Schultz-Wetherington, ELA Department Chair & Cambridge Coordinator and John Wetherington, Band Director, Bethel High School, Spanaway, WA

### 498. What Makes Instruction Meaningful?

Room: 113 Session Type: SC
Objective: 5C

Creating a culture of high achievement, supporting students to meet expectations and motivating students to achieve is a challenging process, but the rewards are amazing. Participants will experience examples of vigorous instruction and profound learning experiences, based on a three-year research study.

**Presenter(s):** Mark Thompson, Executive Director, National Educator Program (NEP), Denver, CO

### 499. Game On! Making Learning Feel Like Play Using Game Theory

Room: 107 Session Type: BP
Objective: 5C

What would happen if students were hooked on learning like the games on their phones? Come find out! Learn basic principles of game theory to help motivate and scaffold student learning in any content area. Experience adaptable activities for differentiating instruction and templates for application in your classes.

**Presenter(s):** Heather Giles, Teacher, Rock Hill High School, Rock Hill, SC

### 500. Learning Powered by the Sun — Don't Believe Me? Just Watch

Room: 202 Session Type: BP
Objective: 6B

A plumbing and heating classroom comes alive through a project-based learning project implemented over the course of a school year. Amazing results of improved participation and higher-level questioning skills will be shared as well as challenges and bumps along the way. Join us to learn how to jump start your students and advance their readiness for college and careers.

**Presenter(s):** Linda Moyer, Independent Consultant, Enhanced PBL in Career Pathways, Murphy, NC; and Andy Wollyung, Plumbing Instructor, Schuylkill Technology Centers-South Campus, Mar Lin, PA

### 501. Externships and PBL: Logistics and Processes for Scaling Teams

Room: 214-215 Session Type: BP
Objective: 6C

Participants will learn how one district transformed high schools into professional career-themed academies and incorporated a summer externship program and project-based learning (PBL) focusing on career themes. Learn about the district plan, the logistics and processes used to scale summer teacher externships, and the success and roadblocks of connecting career themes to PBL in the classroom.

**Presenter(s):** Ryan Deal, Specialist and Diane Mackenzie, CTE Specialist, Jefferson County Public Schools, Louisville, KY

## 60-MINUTE SESSIONS

### 502. Where Do World Languages Fit in the Academy Model?

Room: 106 Session Type: BP
Objective: 7B

As students pursue pathways in college and career academies, world language teachers may feel uncertain of their role within the setting of High Schools That Work (HSTW). Through this presentation and small group interaction and discussion, participants will explore the role of the world language classroom in HSTW and how teachers can collaborate with academy and/or core teachers.

**Presenter(s)**: Lesa Howell, Academy Teacher, South Gwinnett High School, Snellville, GA

### 503. Riding the Wave of Transition for Successful Extra-Help Programs

Room: 116 Session Type: BP
Objective: 7D

Through the analysis of specialized data, such as yearly course failures and eligibility reports and teacher/administrator perceptions, it is possible to operate an extra-help program that truly benefits all students. This session will highlight a five-year snapshot of one school's experiences and provide tangible suggestions for extra-help success.

**Presenter(s):** Kristen Hudson, Teacher and Heather Nupp, Teacher and Co-Site Coordinator, Northwestern High School, West Salem, OH

### 504. Why Won't Kids Do Their Work?

Room: 115 Session Type: BP
Objective: 8A

For three consecutive years, students at this middle grades school have completed all assignments and exceeded national growth expectations in math and reading. Why won't kids just do their work? The answers can be found in an assignment list. By using the list wisely, students will do their work and teachers will improve their instruction and the quality of their assignments.

**Presenter(s):** Sherri Nelson, Director of Instruction, Huron School District, Huron, SD

### 505. Whole-School Improvement: Engaging All Faculty and Staff

Room: 201 Session Type: BP
Objective: 8C

Learn how schools engage the entire faculty in school improvement through faculty-led focus teams. Learn the mistakes made and the peaks and the valleys involved in developing a faculty-owned school improvement process. Hear from the perspective of the principal, teachers and consultants in this informative session.

**Presenter(s):** Gary Wrinkle, Lead Consultant, SREB, Atlanta, GA

### 506. Tips to Implement an Effective PBIS Process

Room: 103 Session Type: BP
Objective: 8E

Implementation with fidelity is essential to the success of positive behavior interventions and supports (PBIS). This session will lead participants through one high school's journey of success. The presentation will discuss initiating a PBIS program in a priority school, strategies that work and will give participants the opportunity to create a framework for implementation.

**Presenter(s):** Jason Cooper, Nathan Jebsen, Jessica Simpson and Mary Jo Waddell, Teachers; and Bryce Hibbard, Principal, Southern High School, Louisville, KY

## 120-MINUTE SESSIONS

### 507. Middle College: Graduating High School as a College Junior

Room: 107 Session Type: DD
Objective: 1A

The Middle College program provides qualifying students the opportunity to earn an associate degree and high school diploma simultaneously. This session will focus on a blended model approach to Middle College offered by Roane State Community College in Tennessee. Middle grades and high school counselors and administration will find this session especially useful.

**Presenter(s):** David Lane, Middle College Director and Diane Ward, Vice President, Student Learning, Roane State Community College, Harriman, TN

### 508. Building Strong and Sustainable Business Partnerships

Room: 116 Session Type: DD
Objective: 1C

Business partnerships are a critical resource for preparing students for the workforce. This workshop focuses on the "why" and the "how" of partnerships, helping attendees understand how business partners can impact school and student outcomes, how to find and approach business partners, and the nine different partnership models.

**Presenter(s):** Hans Meeder, President and Brett Pawlowski, Executive Vice President, National Center for College and Career Transitions, Columbia, MD

### 509. Collaboration: Alone We Are Good, But Together We Are Exceptional

Room: 113 Session Type: DD
Objective: 6B

Teachers collaborate together to create strong cross-curricular projects that allow students to work collaboratively for learning. This session demonstrate ways to include other teachers' lessons and standards along with your own to create diverse, collaborative projects that allow students to broaden their scope of learning.

**Presenter(s):** Amber Brooks, Amanda Campbell and Rodney McCloud, Teachers, Carroll High School Career Center, Ozark, AL

### 510. Using Student Work to Improve FALs in Mathematics

Room: L11 Session Type: DD
Objective: 8A

Join this session to learn how one district is developing teacher capacity to implement and sustain high-quality assessment processes in middle grades math. Participants will learn about the professional development model, how to engage teachers in the process and the model's implications for student self-efficacy, motivation and learning.

**Presenter(s):** Kathleen Dempsey, Senior Director, McREL International, Denver, CO

## 60-MINUTE SESSIONS

S. Smith-Budhai

### 511. Leveraging Technology to Increase Students' Critical-Thinking, Communication, Collaboration and Creativity Skills

Room: 212-213 Session Type: BP
Objective: 3C

This session focuses on technology to guide students toward critical-thinking, building interpersonal communication, effectively working with teams, and creating and innovating products. Participants will explore ways to prepare students for these 21st-century skills while transforming learning experiences by substituting, augmenting, modifying and redefining technology use in the classroom.

**Presenter(s):** Stephanie Smith-Budhai, Assistant Professor and Director of Graduate Education and Laura Taddei, Assistant Professor, Education, Neumann University, Aston, PA

David Shepard

### 512. Making Special Education Collaborative Classes More Efficient

Room: Cascade Ballroom A Session Type: BP
Objective: 3D

Inclusion/collaboration as a practice is only as good as adult partnership in the classroom. This session demonstrates working together as a collaborative team, helping identify the early snags that hinder effectiveness and outlining several different ways this type of schedule can be implemented.

Presenter(s): David Shepard, Consultant, The Middle Matters and More, Lexington, KY

## 60-MINUTE SESSIONS

### 513. We Need More NURSES!

Room: 208 Session Type: BP
Objective: 1A

Come to this interactive, hands-on session where high school teachers will show participants how they started a pre-nursing pathway and students' leadership organization (HOSA). Let us show you how to prepare your students to become successful future healthcare professionals in the ever-evolving medical world.

**Presenter(s):** Ivy Alford, Director of State Services for School Improvement and Steve Broome, Director, State Development for High School and Middle Grades, SREB, Atlanta, GA; and Joanie Anderson, Science/CTE Teacher; Guadalupe Castillo, Science Teacher; Anthony Chavez, Assistant Principal; and Jed Hendee, Principal, Las Cruces High School, Las Cruces, NM

### 514. High-Quality Career Pathway Programs: A Route to the Middle Class

Room: Conference Theater Session Type: BP
Objective: 1B

The presenter will define the elements of a high-quality career pathway program of study and present evidence that it can be a route to the middle class. Quality career pathways can be a way to transform career and technical education into a smart option for students to improve their postsecondary education and career options.

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 515. Engagement + Rigor = Success

Room: L10 Session Type: BP
Objective: 1B

C"What do I have to do to pass?" "Is this going to be graded?" "Do I have to write this?" Are these comments the norm in your classroom? If so, your students suffer from lack of engagement. The Literacy Design Collaborative (LDC) framework will increase rigor and deepen understanding. Learn how to write effective mini-tasks leading to an exemplary writing product and student success.

**Presenter(s):** Anna Walden, Grade 7 Social Studies/LDC Lead Teacher, Florence School District One, Florence, SC

### 516. Using the Technical Design Process in Advanced Career Informatics

Room: Exhibit Hall 1AB Session Type: BP
Objective: 1D

This session will concentrate on the Technical Design Process used in the Advanced Career Informatics classes. The Technical Design Process comprises ask/inquire, imagine, plan, create, experiment and evaluate, improve, and communicate. This session will discuss each step in the process and how it is used in a step-by-step approach to solve the essential question of every project.

**Presenter(s):** Kevin Hoover, AC Informatics Teacher, Carroll County Area Technology Center, Carrollton, KY

### 517. Certifications and Dual Credit: The New High School Résumé

Room: 209 Session Type: BP
Objective: 1E

Industry certifications and dual credit opportunities for all students guide the career and technical education curriculum. While we still have isolated articulation agreements for some programs, the focus is on the skill sets and instant résumés that will allow our students to go to work immediately upon graduation or earn their associate or bachelor's in their desired career path/degree program.

**Presenter(s):** Eric Paul, CTE Director, Galveston ISD, Galveston, TX

### 518. PBL Vision: One Man, One Goal, One Mission

Room: L9 Session Type: BP
Objective: 2C

Get all-access stage passes to hear from four career and technical education stars who developed and implemented project-based learning (PBL) in their classrooms. In these rockin' projects, students take on the role of an engineering design team, a civil engineer, a builder and an EMT. This session will stage dive into the process: PBL training, project implementation, successes, challenges and modifications.

**Presenter(s):** Bobby Horn, Anthony Kindwall, Brad Mann and Eric Radmer, Instructors; and Brandon Russell, Assistant Director, Columbia Area Career Center, Columbia, MO

### 519. Implementing Career Pathways: Retrofitting and Repurposing

Room: L3 Session Type: BP
Objective: 2D

See how a high school in a rural city of 10,000 transformed its culture by implementing career pathways focusing on authentic work and marketable credentials. Partnerships with community colleges, technical programs and employers are helping engage students and eliminate the age-old question, "Why do we have to learn this?"

**Presenter(s):** John Lowery and April Shrader, Teachers; and Gary Minnick, Principal, Boaz High School, Boaz, AL

## 60-MINUTE SESSIONS

### 520. Using LDC Tasks and Strategies to Close Literacy Gaps

Room: L2 Session Type: BP
Objective: 3A

Social studies, English language arts and science teachers from an urban high school will share the triumphs and challenges of their journey implementing LDC tasks and strategies. They will share how each discipline has used the Literacy Design Collaborative to infuse disciplinary literacy practices within the unique constraints of their content areas.

**Presenter(s):** Tanya Bloomfield, Arlene Kendall, El Tabakh Mohamed and Pablo Ocampo, Teachers; and Michelle Robertson, Assistant Principal, Grover Cleveland High School, Queens, NY; and Pamela Broome, Literacy Consultant, SREB, Atlanta, GA

### 521. Applying LDC to Build and Sustain a Culture of Academic Excellence

Room: L5 Session Type: BP
Objective: 3A

The presenter shares his work with rural and urban school systems to illustrate how SREB partners with district leaders and teachers to incorporate the Literacy Design Collaborative (LDC) to build and sustain rigorous literacy practice throughout a school district. Dynamics such as how teachers and principals are supported through the LDC implementation process and the quality of SREB's LDC training will be addressed.

**Presenter(s):** Quinton Granville, Literacy Consultant, SREB. Atlanta, GA

### 522. A Picture Is Worth a Thousand Words: Visual Literacy in Social Studies

Room: L6 Session Type: BP
Objective: 3A

Developing visual literacy skills enables students to improve their abilities to interpret, negotiate and infer meaning from information presented in image form. This session focuses on the purposeful use of photographs and other images to build engagement and promote critical thinking in the social studies classroom.

**Presenter(s):** Jean Lee, Literacy Consultant, SREB, Atlanta, GA; and Zachariah Lowe, Brewington Academy Sumter, SC

### 523. Young Mathematicians, Multiple Representations and Place Value

Room: L7 Session Type: BP
Objective: 3B

Understanding multiple representations is one way students show evidence of fluency with a topic. See how using multiple representations while investigating place value can help students deepen their understandings of this foundational topic. Children's literature and the Group3 Model will be shared as well.

**Presenter(s):** Tammy Jones, Consultant, TLJ Consulting Group, LLC, Lebanon, TN; and Leslie Texas, Consultant, Leslie Texas Consulting, LLC, Louisville, KY

### 524. How to Know What They Know: Formative Assessment

Room: L4 Session Type: BP
Objective: 3B

In this hands-on session, participants will be introduced to and engaged in strategies that will strengthen their abilities to effectively implement the second of the five key strategies of formative assessment: Engineering effective discussions, questions and learning tasks which elicit evidence of learning. See how to get the most out of your students!

**Presenter(s):** Kimberly Goff, Math Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 525. SIOP and LDC: A Perfect Marriage!

Room: 102 Session Type: BP
Objective: 3D

The Sheltered Instruction Observation Protocol (SIOP) provides English language learners with a framework to master content objectives while at the same time improving their English language skills. The instructional ladder of the Literacy Design Collaborative (LDC) focuses on formative assessment to drive instruction. SIOP and LDC are a perfect marriage!

**Presenter(s):** Jeanette Hodges, Literacy Consultant, Jeanette Hodges, Educational Consulting, Taylor Mill, KY

### 526. ExtraLearning Online: An Aggregate Analysis

Room: 115 Session Type: BP
Objective: 3D

This presentation will review existing literature that supports self-paced online pedagogies, conduct an aggregate secondary data analysis of EO across multiple K-12 sites and examine EO specifically for indicators of validity and reliability as an evidence-based intervention. We will suggest a more general framework for embracing the role online and technology-based interventions like EO can play.

**Presenter(s):** Rick Newell, Instructor, Extralearning Online, Aurora, CO; and Jack Trammell, Associate Professor, Randolph-Macon College, Ashland, VA

### 527. Personalized Education Plans: Success for All Students

Room: L8 Session Type: BP
Objective: 4D

All West Virginia middle grades and high schools engage staff in a systemic guidance and advisement approach to ensure all students develop personalized education plans (PEPs). PEPs guide students' learning experience, ensuring all have the opportunity to develop academic skills, identify interests, maximize strengths, set and reach academic goals, and realize career aspirations.

**Presenter(s):** Barbara Brady, School Counseling Coordinator, West Virginia Department of Education, Charleston, WV; and Cathy Grewe, Coordinator of Assessments and Student Services, Wood County Schools, Parkersburg, WV

### 528. Schoolwide Presentations of Learning: Creating a Culture of Scholarship

Room: 214-215 Session Type: BP
Objective: 5A

Learn how at this collaborative charter school, all students in grades six through 12 engage in self-selected, self-directed, semester-long research projects culminating in a public presentation of learning before an audience of peers, educators and outside judges. Learn how we implemented schoolwide presentations of learning and changed the school culture in under three years.

**Presenter(s):** Shannon Beyer, Lead Teacher; Michael Dolce, Teacher; and Glenna Voigt, Director, Media Arts Community Charter School, Albuquerque, NM; Clara Clark, School Improvement Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 529. Breaking Classroom Walls: Personalized Learning Outside the Classroom

Room: L1 Session Type: BP
Objective: 5A

This session will provide examples of how to set the foundation for a climate and culture that fosters personalized learning, academic experiences outside the classroom and a team to build transformative opportunities for all students. This session is designed for all educators, including media specialists, teachers, coaches and administrators.

**Presenter(s):** Cameron Beaty, Media Specialist, R.B. Stall High School; and Virginia Sayer, Personalized Learning Coach, CCSD Personalized Learning Department, North Charleston, SC

### 530. Making School Matter for All

Room: 103 Session Type: BP
Objective: 5C

During this session, participants will see various structures and processes leading to students owning their own learning. Several pieces of "Our House" will be discussed: Vision/mission, student-led notebook, college- and career-readiness tracking, and the Three Circles. See how to get your students engaged in their own learning.

**Presenter(s):** Bryce Hibbard, Principal, Southern High School, Louisville, KY

### 531. Preparing New CTE Teachers for the Classroom

Room: 201 Session Type: BP
Objective: 6A

Teaching to Lead is a 15-month program for new career and technical education (CTE) teachers with in-depth learning modules (instructional planning, instructional strategies, assessment, classroom management), a school-based mentor, and classroom observation and feedback from a trainer. Hear CTE teachers describe how being part of SREB's Teaching to Lead professional development program has made them more effective.

**Presenter(s):** Paula Egelson, Director, Research and Nancy Headrick, Director, Career and Technical Education Teacher Preparation Program, SREB, Atlanta, GA

### 532. National Standards and Certification for CTE Educator Development

Room: 210 Session Type: BP
Objective: 6A

The focus on college and career readiness across the country creates opportunities for career and technical education (CTE), and it also creates new pressures. What does this mean for CTE teachers? Join this panel to hear perspectives on the change in CTE and how teachers have answered that question through the revised National Board standards and certification process.

**Presenter(s):** Betty Montgomery, Business and Marketing Program Consultant, Office of Career Technical Education, Kentucky Department of Education, Frankfort, KY; Chaney Mosley, Senior College and Career Readiness Specialist, American Institutes for Research, Washington, DC; and Lisa Stooksberry, Senior Vice President, Standards & Assessment, National Board of Professional Teaching Standards, Arlington, VA

## 60-MINUTE SESSIONS

### 533. Moving CTE Teachers From Procedural-Based to Problem-Based Assignments

Room: 203-206 Session Type: SC
Objective: 6B

Shifting an instructional culture can be a daunting task. Join in a discussion with administrators and teachers from West Virginia to hear their experiences. This session will highlight two different centers and their efforts to invite more teachers in high-demand, career and technical education fields to embrace a project-based learning approach and the impact on students.

**Presenter(s):** Amy Files, Instructor, James Rumsey Technical Institute, Martinsburg, WV; Stanley Hopkins, Independent Consultant, Mount Alto, WV; Kathleen McNally, School Improvement Consultant, SREB, Atlanta, GA; Nancy Napolillo, Director, Monongalia County Technical Education Center, Morgantown, WV; and Bryan Sterns, Director, Calhoun-Gilmer Career Center, Grantsville, WV

### 534. The Ideal District Model: Combining Externships and PBL

Room: 218 Session Type: SC
Objective: 6B

Learn how one district worked with SREB to develop a model for urban support for teachers and career and technical education (CTE) specialists that closely links the district's externship program with authentic project-based learning (PBL) professional development. The model includes ongoing coaching combined with development of district capacity to support teachers. This dual focus builds sustainability while supporting CTE and academic teachers in using authentic PBL in classrooms.

**Presenter(s):** Scott Warren, Director of State Initiatives, SREB, Atlanta, GA

### 535. Assessment Challenge! How to Assess Problem Solving

Room: 216-217 Session Type: BP
Objective: 6D

How do you know if your students can think critically or solve problems effectively? The trouble with teaching these and other 21st-century skills or competences is that you have to measure and grade student success. This session will guide participants through determining which skills to assess, how to assess them and assigning grades. Resources will be provided to participants.

**Presenter(s):** Carolyn Helm, TCTW Lead Consultant, SREB, Atlanta, GA

### 536. Academy Programs: An Innovative Approach to Student Success

Room: 106 Session Type: BP
Objective: 7A

Learn about one district's premier advanced academic solutions for students in grades 10-12 who wish to accelerate their learning through dual enrollment programs (involving partnerships with higher education). This session will describe the programs and partnerships which lead to students earning college credit hours and, in some cases, an associate degree.

**Presenter(s):** Jeffrey McClure, Director of Alternative Learning, Pike County Schools, Troy, AL

## 60-MINUTE SESSIONS

### 537. POWER-U (Smart Lunch Cultural Shift)

Room: 109 Session Type: BP
Objective: 7D

Combining the frameworks of the Multi-Tiered System of Supports (MTSS) and smart lunch concepts has developed a scaffold for school culture and outcome reform at a rural high school. Outcomes include a decrease in discipline referrals, an increase in academic performance and a positive cultural shift toward empowerment.

**Presenter(s):** Jamie Durant, Principal; and Kevin Taylor, Stacey White and Chris Walters, Assistant Principals, West Rowan High School, Mt. Ulla, NC

### 538. Total Participation Techniques: Every Student an Active Learner

Room: 112 Session Type: BP
Objective: 8A

CANCELLED

Short of planning for and requiring students to demonstrate active participation and cognitive engagement with the topic, we have no way of knowing what students are learning until it's often too late to repair misunderstandings. In this session, participants will be creating their own Total Participation Techniques (TPTs) to take back to their schools and implement the very next school day.

**Presenter(s):** Candice Brucke, Assistant Principal, Instruction, West-Oak Middle School, Westminster, SC

### 539. Differentiated Coaching: Managing, Sustaining and Extending Implementation

Room: 219 Session Type: BP
Objective: 8A

The presenter has facilitated training for thousands of educators, but it was follow-up coaching that operationalized the training into practice. However, every teacher is at a different place. This session provides a research-to-practice foundation of processes, resources and guidelines to allow participants to design and implement their own differentiated coaching model.

**Presenter(s):** Traci Pankratz, Literacy Specialist, Elkhart Area Career Center, Elkhart, IN; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 540. Too Much on Your Plate?

Room: Cascade Ballroom C Session Type: BP
Objective: 8C

Teachers and principals are overwhelmed with all the initiatives and extra responsibilities being placed on them each year. In this session, discover how to tell if you have too much on your plate and what can be done about it. Leave feeling energized and inspired to collaboratively build a schoolwide culture of learning and accountability.

**Presenter(s):** Danny Hill, Retired Principal/Consultant, Power of ICU, Lebanon, TN

### 541. Quantify Your School's STEM Culture and Improve Instruction!

Room: 211 Session Type: BP
Objective: 8E

Educators are expected to provide data-driven instruction and prepare students to fill increasing gaps within STEM fields. In this presentation, you will be introduced to the STEM-CAT, an instrument which can be used to gauge the effectiveness of STEM programs within your school and support decisions moving forward in developing your program.

**Presenter(s):** Chris White, Science Teacher, Seneca High School, Seneca, SC

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 542. Producing Career Ready Graduates Through Medical and Health Pathways

Room: L15 Session Type: MS
Objective: 1B Table: 1

CTE teachers and administrators will share their school's medical, health and the environment career theme structure, as well as freshman year major selection and senior year capstone courses.

**Presenter(s):** Krista Ford, CTE Teacher; Sarah Hitchings, Assistant Principal; and Deborah Robinson, CTE Department Chair, Waggener High School, Louisville, KY

### 543. Next Step in Career Education: Get 'Em Out There!

Room: L15 Session Type: MS
Objective: 1C Table: 2

Students are job shadowing within our school district in the IT department, maintenance department, and elementary and middle grades schools. Additionally, students are visiting external job sites based on career interests.

**Presenter(s):** Stephanie Dinsmore, HSTW Site Coordinator, Bloom Carroll High School, Carroll, OH

### 544. Creative Curriculum Guides With LDC

Room: L15 Session Type: MS
Objective: 3A Table: 3

District leaders will share a rigorous, literacy-rich curriculum guide that will meet requirements for the college, career and civic life framework for social studies and increase interdisciplinary instruction.

**Presenter(s):** Katrina Rouse, Social Studies Coordinator, Florence School District One, Florence, SC

### 545. Spreading the MDC Message

Room: L15 Session Type: MS
Objective: 3B Table: 4

Learn how to motivate fellow teachers to adopt MDC; participants will be given resources for setting up professional development opportunities to help teachers implement MDC in their classrooms.

**Presenter(s):** Kate Golden, Teacher, Math Department Chair, Brookside High School, Sheffield, OH

### 546. You CAN DO Blended Learning

Room: L15 Session Type: MS
Objective: 3C Table: 5

Learn how to successfully implement blended learning in the classroom with minimal planning time. Teachers will leave ready to tackle the idea of blended learning.

**Presenter(s):** Kelly Barr, Teacher and Traci DeWall, Technology Integration Specialist, Gilmer County High School, Glenville, WV

### 547. We Believe You Can: Changing the AP Mindset Schoolwide

Room: L15 Session Type: MS
Objective: 5A Table: 6

Learn how we increased AP achievement, enrollment and motivation in ONE year. The team will share ideas that were implemented to create vertical alignment, parent involvement and rigorous expectations.

**Presenter(s):** Brandon Cline, Katie Endicott, Josh Johnson and Beth Keatley, Teachers, Mingo Central High School, Williamson, WV

## TWO MINI-SHARING SESSIONS 25-MINUTES EACH

### 548. Encouragement, Empowerment and Excellence Through Co-Teaching

Room: L15 Session Type: MS
Objective: 5B Table: 7

Join us as we share strategies that motivate and stimulate learning in a classroom of mixed abilities. This presentation is appropriate for anyone interested in the co-taught classroom model.

**Presenter(s):** Latasha Armer, Teacher and Rhonda Rowe, Special Education Teacher, Siloam Springs High School, Siloam Springs, AR

### 549. Building a NEST: Individualized Learning Program for Student Success

Room: L15 Session Type: MS
Objective: 5D Table: 8

Explore how our staff began an individualized tutoring program. We will share how our school builds time within the school day to provide consistent delivery of support through social and academic development.

**Presenter(s):** Corey Murphy, Principal and Jennifer Woods, Assistant Principal, Beaufort High School, Beaufort, SC

### 550. Reading to Learn: A 21st-Century Workplace Skill

Room: L15 Session Type: MS
Objective: 7B Table: 9

This interactive session will share practical reading tools and strategies teachers can use in any content area to better prepare students for the changing world of work.

**Presenter(s):** Joyce Jackson, Goal Clarity Coach, Southern High School, Louisville, KY

### 551. Positive Effects of a No-Zero Grading Policy

Room: L15 Session Type: MS
Objective: 7D Table: 10

This full-day CTE center raised its academic rigor and achievement through adopting a no-zero grading policy. Learn the steps the staff took and their plans for future achievement.

**Presenter(s):** John Davis, Assistant Principal, Ashland County-West Holmes Career Center, Ashland, OH

### 552. Dealing With the Difficult, Demanding or Deceitful

Room: L15 Session Type: MS
Objective: 8C Table: 11

As educators, we frequently encounter students, parents and colleagues that are at times difficult. Gain strategies to aid and assist when clashes with problematic people occur.

**Presenter(s):** Donna Kopcsik, Tina Lattimer and Ilene Zackaroff, Teachers, Miller South School for the Visual and the Performing Arts, Akron, OH

### 553. Be Your Own Genie in a Bottle - Effective Classroom Teachers

Room: L15 Session Type: MS
Objective: 8D Table: 12

This session will engage educators on the components of a highly effective classroom environment. Find out what you need to increase the instructional time in the classroom.

**Presenter(s):** Lashawnte Jackson, Consultant, Center for Teacher Effectiveness, Hayden, ID

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**554. Meaningful Grammar: The Language of Writing**

Room: L15 Session Type: MS
Objective: 3A Table: 13

Learn a simple method to help ALL students understand how grammar and sentence structure impact both reading and writing. Included will be several writing application activities participants can immediately use.

**Presenter(s):** Dawn Burnette, Teacher, Burnette Academy, Blairsville, GA

**555. Creating a Climate, Culture and Atmosphere That Drives Success**

Room: L15 Session Type: MS
Objective: 5C Table: 14

Ask, listen, learn, build, collaborate and celebrate (ALLBCC). These easy-to-implement steps will change the entire culture of your school in a very short time, but will last well beyond your tenure.

**Presenter(s):** Greg Dettinger, Principal, New Prairie High School, New Carlisle, IN

**TWO MINI-SHARING SESSIONS 25-MINUTES EACH**

**556. R.E.I.D. to Learn: Research. Examine. Investigate. Design.**

Room: L15 Session Type: MS
Objective: 8A Table: 15

Learn how to develop learning environments and deliver educational experiences that promote cognitive rigor by challenging and engaging students to R.E.I.D. to Learn.

**Presenter(s):** Erik Francis, ASCD Author/Professional Education Specialist, Maverik Education LLC, Scottsdale, AZ

## FEATURED SPEAKERS

Joe Hendershott

### 557. Combating Compassion Fatigue Among Educators

Room: Cascade Ballroom C Session Type: BP
Objective: 8A

Given current demands in education, compassion fatigue has become endemic. This session will define compassion fatigue and the negative impact it can have on educators' overall well-being. This presenter will examine ways to assist educators with the emotional demands that are required in today's schools through various methods of self-care and coping strategies.

**Presenter(s):** Joe Hendershott, Founder/President, Hope 4 The Wounded, LLC, Ashland, OH

David Shepard

### 558. Improving Instruction Using Walkthrough Observation Data

Room: Cascade Ballroom A Session Type: BP
Objective: 8E

This session outlines a definitive process for using data collected from walkthrough observations to direct and strengthen school improvement efforts. Participants will learn to develop and then use a sample walkthrough instrument, compile the data, set priorities and write meaningful action plans. Educators wishing to improve their school's process for improvement will benefit.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY

## 60-MINUTE SESSIONS

### 559. Sister School Project: Changing the World

Room: L8 Session Type: BP
Objective: 1B

People Magazine's 2012 Teacher of the Year will show how one small problem-solving activity with students led to a global project impacting lives from Alabama to Honduras. Teachers and students traveled to Honduras and delivered and networked computers, volunteered in the Clinic of the Angels, and helped fit amputees with prosthetics the students designed for under $300.

**Presenter(s):** Brian Copes, Engineering Teacher, Thompson High School, Alabaster, AL; and Cena Davis, School Improvement Consultant, SREB, Atlanta, GA

### 560. Using the Engineering Design Process With Fred Flintstone

Room: 209 Session Type: BP
Objective: 1E

Learn how to incorporate the Engineering Design Process by utilizing current "block" programming applications. With popular programs and activities such as Code.org, Scratch and others, it is imperative we introduce middle grades students to computer science. Learners will create a car with materials based upon the cartoon, then program a small robot to operate the vehicle. Yabba dabba do!

CANCELLED

**Presenter(s):** Jack Hunter, Principal and Luke Mckinley, Teacher, Chase STEM Academy, Toledo, OH

## 60-MINUTE SESSIONS

### 561. Cupcake Wars: Project-Based Learning Aligned With Business

Room: 219 Session Type: BP
Objective: 2C

Learn how a culinary arts teacher built a relationship with a local cupcake franchise to design a project mirroring workplace problem-solving. This collaboration not only authenticated the process for students but evolved into a partnership on the franchise's advisory board. The publicity from the winning recipe on the local franchise menu has served as a catalyst for recruitment in the culinary program.

**Presenter(s):** Paula Shute, Culinary Arts Instructor, Dothan Technical Center, Dothan, AL; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 562. Before, During and After LDC: Using Mini-Tasks to Improve Engagement

Room: L6 Session Type: BP
Objective: 3A

The presenter will share her experience growing as a teacher through the Literacy Design Collaborative (LDC). Participants will see how using mini-tasks in the classroom can enhance student engagement. Testimonials of students explaining how they grew academically this school year due to LDC-informed instruction and the incorporation of mini-tasks will be presented.

**Presenter(s):** Veronica Bradley, Teacher, Sumter Schools, Bishopville, SC; and Jean Lee, Literacy Consultant, SREB, Atlanta, GA

### 563. Literacy Is the Plate: Surviving Year 1 of LDC Implementation

Room: L3 Session Type: BP
Objective: 3A

Implementing the Literacy Design Collaborative (LDC) process across the curriculum can be overwhelming to hard-working classroom teachers who feel they already have too much on their plates. Hear how teachers in a rural West Virginia school accepted the LDC challenge and realized that literacy is not another item on their plate; it is the plate. The presenters will describe the impact this realization has had on student performance and state assessments.

**Presenter(s):** Rick Bertozzi, Janet Moore and Kasey Sapp, Teachers, Hundred High School, New Martinsville, WV; Debbie Hall, School Improvement Consultant, SREB, Atlanta, GA

### 564. LDC Across the Curriculum: Social Studies, Science and ELA Collaboration

Room: L1 Session Type: BP
Objective: 3A

SREB's Literacy Design Collaborative (LDC) initiative takes literacy instruction beyond just English language arts. LDC enhances instruction across subject areas. Hear three teachers from a West Virginia high school describe their journey through implementing an LDC module collaboratively in their content areas.

**Presenter(s):** Garrett Burdette, Science Teacher; Kristen Griffith, ELA Teacher; and Jennifer Sanney-lams, Social Studies Teacher, Nitro High School, Nitro, WV

## 60-MINUTE SESSIONS

### 565. Effective Discussions, Questions and Tasks That Elicit Evidence

Room: L4 Session Type: BP
Objective: 3B

In this engaging session, the presenter and participants will explore ways to engineer effective discussions through developing higher-order questions. Also covered in this session how to utilize appropriate tasks in the math classroom to increase students' understanding of math concepts and their real-world applications.

**Presenter(s):** Cathey Ritter, Independent Math Consultant, Vestavia Hills, AL

### 566. Mathematical Literacy in the Classroom: Using Trade Books

Room: L7 Session Type: BP
Objective: 3B

Experience how incorporating literature into instruction can help make mathematics more engaging and meaningful for students at all levels. Participants will get activities that they can immediately take back into their classroom as well as a beginning list of suggested trade books.

**Presenter(s):** Tammy Jones, Consultant, TLJ Consulting Group, LLC, Lebanon, TN; and Leslie Texas, Consultant, Leslie Texas Consulting, LLC, Louisville, KY

### 567. Google THIS! Distance Learning With Google Hangouts and Hangouts On Air

Room: L9 Session Type: BP
Objective: 3C

Google THIS! This is REAL meaning, REAL work and REAL experience. Distance learning with Google Hangouts is more than video chatting. Broadcast and share projects, interviews, meetings and much more. Participants will learn how this technical center is using Google Hangouts and Hangouts On Air to connect classrooms to real-world professionals.

**Presenter(s):** Matt Dudas, Computer Networking (CNET) Instructor and Cynthia Unger, Media Specialist, Mid-East Career and Technology Centers, Zanesville, OH

### 568. At-Risk Does Not Mean Failure: Increasing Academic Achievement

Room: Exhibit Hall 1AB Session Type: BP
Objective: 3D

This presentation will provide a framework for addressing the needs of at-risk students academically and behaviorally. These strategies have been proven in the most challenging environments and have resulted in immediate growth. Students will have more confidence, increased academic achievement and engagement in the learning process.

**Presenter(s):** Vanessa Carter, Executive Director, Teachers Leading Change, Novi, MI

### 569. Graduation Is the Goal: Developing Safety Nets for Struggling Students

Room: 115 Session Type: BP
Objective: 3D

To ensure students' academic success, administrators and teachers must constantly monitor student progress through examining data; utilizing formative assessment; and providing opportunities for remediation, extension and enrichment. These supports need to be implemented as soon as students enter high school and followed through all the way to graduation.

**Presenter(s):** Kevin Wood, Associate Principal, Meadowcreek High School, Suwanee, GA

## 60-MINUTE SESSIONS

### 570. ACT College- and Career-Readiness Standards for English and Math

Room: 212-213 Session Type: BP
Objective: 4A

This session addresses how ACT preparation techniques can help teachers and students accomplish college- and career-readiness standards. During the presentation, A-List Education and the Curious Edge Foundation will review the main components of the alignment and will also discuss how to find and/or create classroom drills and homework assignments that exemplify these skills.

**Presenter(s):** Scott Farber, President, A-List Education, New York, NY; and Kimberly Hudson, CEO, The Curious Edge Foundation, Lexington, KY

### 571. Career Readiness in Middle Grades Schools

Room: 208 Session Type: BP
Objective: 4B

Learn how one middle grades school developed an effective career-readiness program. Areas of Career Interest (ACI) provides every student an opportunity to choose a career field and to weekly work with their peers and community partners to research, analyze and create new solutions to school and community problems. Teachers will describe how this has engaged students in deeper learning and more students being ready for challenging high school studies.

**Presenter(s):** Ivy Alford, Director of State Services for School Improvement and Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA; Paula Brown, Principal and Susan Skinner, Grade 8 ELA Teacher, Camdenton Middle School, Camdenton, MO

### 572. Connecting With Our Students While Connecting to the Future

Room: 202 Session Type: BP
Objective: 4C

Schools have the responsibility of preparing students for success beyond high school. See how this high school implements all seven of the essential strategies of SREB's Counseling for Careers to meet these demands through high expectations, building relationships with students, and extensive education and career planning. Join this session and learn the steps to success.

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers, SREB, Atlanta, GA; and Apryl Baylor, Dubiski Career High School, Principal, Grand Prairie, TX

### 573. Hornet's Nest: "Enter and Enjoy the Sting" (Career Day Twist)

Room: L10 Session Type: BP
Objective: 4D

Are you looking to redesign traditional career fairs and job shadowing opportunities? This session will share strategies that provide ongoing career exploration opportunities for students and parents. The presenters will share innovative projects and ideas implemented in one school that increased awareness on emerging jobs for various career pathways.

**Presenter(s):** Chastity Hanton, JAG Specialist/Job Coach and Eric Scriven, Career Specialist, C.A. Johnson High School, Columbia, SC

## 60-MINUTE SESSIONS

### 574. If It's Not Personalized Learning, Then How Personal Can I Make Mathematics Instruction?

Room: L2 Session Type: BP
Objective: 5A

Explore the definition of personalized learning and contrast it with the traditional learning model. Learn the roles teachers and students assume in a personalized learning model for mathematics. Explore teaching strategies teachers can use to make learning more personalized and authentic for students, and at the same time improve every student's level of college and career readiness.

**Presenter(s):** John Brocket, Mathematics Instructor, Power of I Coordinator, Wren High School, Piedmont, SC

### 575. Raising Test Scores and Uplifting Administrators and Teachers

Room: 103 Session Type: BP
Objective: 5B

This workshop will focus on how to reach at-risk youth by establishing common ground and making the subject matter relevant to students' aspirations and career goals. Establishing this connection will raise exam scores and graduation rates, and lower student disconnection and inappropriate behavior. We will also focus on motivational strategies to keep teachers and administrators engaged.

**Presenter(s):** Victor Woods, National Speaker and Author, Success International Incorporated, Bloomingdale, IL

### 576. Students Earning Embedded Academic Credit Through CTE Learning

Room: 203-206 Session Type: BP
Objective: 5C

Learn about a model for developing and delivering embedded academic credit in English language arts and mathematics in West Virginia for students in a career and technical education program. ELA and mathematics teachers will share the action research effort over the last two years and share successes and challenges. Protocols, alignment templates, and example instructional lessons and resources will be shared.

**Presenter(s):** Carolyn Baldwin, CTE/English Instructor, Putnam Career and Technical Center, Eleanor, WV; Jessica Campbell, Math Teacher, Ben Franklin Career Center, Dunbar, WV; Stanley Hopkins, Independent Consultant, Mount Alto, WV; Kathleen McNally, School Improvement Consultant, SREB, Atlanta, GA; and Jenny Pippin, Math Teacher, Randolph Technical Center, Elkins, WV

### 577. Flipping Out! Non-Standard Learning for the "Not So Standard Learner"

Room: 210 Session Type: BP
Objective: 5C

Flipped classrooms have proven effective at one technology center. Students in Algebra II, geometry and math (finance) watch personalized videos, take notes and work in class. The delivery has moved from utilizing DVDs to an online platform which allows for easier accessibility. End of instruction videos/tutorials have been added to enhance learning for those students who are struggling.

Presenter(s): Kenneth Shade, Math Instructor, Southern Oklahoma Technology Center, Ardmore, OK

## 60-MINUTE SESSIONS

### 578. Engaging Students in Informational Texts

Room: 106 Session Type: BP
Objective: 5C

Today's students tend to be technologically literate and can locate information quickly on websites. However, they frequently are not informationally literate, lacking the skills to evaluate and use information effectively. In this highly-interactive session, participants develop a deep understanding of specific reading skills critical for evaluating information.

**Presenter(s):** Melanie Willette, International Trainer and Coach, Kagan Professional Development, San Clemente, CA

### 579. Raising the Bar: The Journey to School of Distinction

Room: 112 Session Type: BP
Objective: 7B

This presentation will highlight the practices and processes that facilitated the improvement of student achievement at this high school. It has undergone a complete school transformation over the past four years. This process has led the school from being categorized as a Focus/Needs Improvement institution to a School of Distinction.

**Presenter(s):** David Bolen, Principal; Kendra Esenbock, Instructional Coach; and Jamie Keene, Assistant Principal, George Rogers Clark High School, Winchester, KY

### 580. Confessions of a Successful Interventionist: Lessons Learned and a Pathway to Engagement

Room: 102 Session Type: BP
Objective: 7D

This session will actively engage participants in responding to the challenge schools face in supporting our most at-risk students in "failing forward" without losing motivation and credits in the process. Examine the interrelated power of a revitalized tutoring center, collaborative teams and formative grading practices, and explore the research behind and importance of alternative schedules and calendars.

Presenter(s): Jeremy Koselak, RTI Coordinator, Colorado Springs School District 11, Colorado Springs, CO

### 581. Empowering and Developing Brick House Leaders

Room: 211 Session Type: BP
Objective: 8C

Assignment completion has been the norm for several years, and this junior high school has consistently produced evidence that student success is running rampant. Discover how the principal utilizes a staff leadership team to distribute ownership, set a Brick House vision, inspire excellence and develop internal systems to monitor student learning.

**Presenter(s):** Cory Crosnoe, Principal, Jackson Junior High, Jackson, MO

### 582. High-Quality Pathways Through Business and Industry Partnerships

Room: 201 Session Type: BP
Objective: 8C

Learn to reach beyond the school house walls to work with business and industry to ensure pathways are relevant and connected to the local economy. This session will discuss learned experiences of how this process has worked in three different school districts in Texas and Louisiana. See how to improve your connections to business and industry in your community.

**Presenter(s):** Gary Wrinkle, Lead Consultant, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 583. Bringing On Board a New Principal

Room: 216-217 Session Type: BP
Objective: 8D

The only thing worse than bringing on board a new principal is to do it two years in a row. Having a carefully developed a comprehensive "onboarding" plan minimizes the chance of a new principal running into serious problems the first year and ensures that if he or she is encountering difficulties, the supervisor receives an early warning and is able to provide necessary supports.

**Presenter(s):** Jon Schmidt-Davis, Director of Learning-Centered Leadership Program, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 584. Instructional Leadership in a Technical Center

Room: 207 Session Type: BP
Objective: 8D

Learn how Kentucky's Professional Growth and Effectiveness System has brought about instructional change within career and technical education. In addition to discussing the Framework for Teaching, Kentucky Department of Education staff will provide detailed information regarding student growth goals and guidance on identifying enduring skills that can be used to measure growth for students.

**Presenter(s):** Laura Arnold, Interim Associate Commissioner and Linda Floyd, Administrative Consultant, Kentucky Department of Education, Frankfort, KY

## 120-MINUTE SESSIONS

### 585. Connecting Children's Literature With Middle Grades Mathematics

Room: L8 Session Type: DD
Objective: 4A

CANCELLED

Having trouble linking literature with learning activities in math class? Need an interesting way to create box plots? Attend this session and learn how to incorporate popular children's literature into middle grades math classes. College- and career-readiness skills will be addressed. Lesson plans, book list, foldables, rubrics, door prizes, laughter and more!

**Presenter(s):** Candice Brucke, Assistant Principal, Instruction, West-Oak Middle School, Westminster, SC

## FEATURED SPEAKER 60-MINUTE SESSIONS

Jan Cuny

### 586. Computer Science for All: Making it Happen

Room: 209 Session Type: BP
Objective: 1E

Computer Science for All aims to give all students vital 21st-century computational and problem-solving skills. The National Science Foundation has funded development of curricular materials, assessments and teacher professional development. Many private organizations have joined in, working to reach all schools and districts and addressing challenges in policy, course crediting and teacher credentialing.

**Presenter(s):** Jan Cuny, Program Officer, National Science Foundation, Arlington, VA

## 60-MINUTE SESSIONS

### 587. Empowering Students to a Better Future Through Certification

Room: 214-215 Session Type: BP
Objective: 1B

Your students are the future of health care. As an educator, you provide them with a solid educational foundation to help position them for a successful career. Providing your health science students access to an industry-recognized credential gives them access to hands-on experience, increased postsecondary attainment opportunities and can empower them to enter a high-wage, high-demand profession.

**Presenter(s):** Laura Flynn, CTE Division Director, National Healthcareer Association, Leawood, KS

### 588. Next Step in Career Education: Get 'Em Out There!

Room: 201 Session Type: BP
Objective: 1C

Take students to the careers! Nothing compares to real-world experiences where students are able to be "on the job." Students are job shadowing within our school district in the IT department, maintenance department, and elementary and middle grades schools. Additionally, students are visiting external job sites relative to their career field interests.

**Presenter(s):** Stephanie Dinsmore, HSTW Site Coordinator, Bloom Carroll High School, Carroll, OH

## 60-MINUTE SESSIONS

### 589. Meaningful Grammar: The Language of Writing

Room: L1 Session Type: BP
Objective: 3A

To become effective communicators, students must understand grammar — the language of writing. In this hands-on session, participants will learn a simple, integrated, easy-to-implement method to help ALL students understand how grammar and sentence structure impact both reading and writing. Included will be several writing application activities participants can implement in their own classrooms.

**Presenter(s):** Dawn Burnette, Teacher, Burnette Academy, Blairsville, GA

### 590. Spreading the MDC Message

Room: L9 Session Type: BP
Objective: 3B

Does this sound like you? "I have implemented the Mathematics Design Collaborative (MDC) in my class, and now I want to get my co-workers on the bandwagon." Learn how to motivate fellow teachers to adopt MDC. Participants will be given resources for setting up professional development opportunities to help teachers implement MDC in their classrooms.

**Presenter(s):** Kate Golden, Teacher, Math Department Chair, Brookside High School, Sheffield, OH

### 591. Literacy and Mathematics in the CTE Classroom: Using Trade Books

Room: L7 Session Type: BP
Objective: 3B

Do trade books have a place in today's career and technical education classroom? Yes! Research shows that incorporating literature into the content classroom can increase student engagement, make the content being studied come alive and help differentiate instruction as well as support ELL/ESL students. Participants will get activities that they can immediately take back into their classrooms.

**Presenter(s):** Tammy Jones, Consultant, TLJ Consulting Group, LLC, Lebanon, TN; and Leslie Texas, Consultant, Leslie Texas Consulting, LLC, Louisville, KY

### 592. You CAN DO Blended Learning

Room: 108 Session Type: BP
Objective: 3C

Blended learning can happen in your classroom with a few clicks of your mouse! Using tools that are readily available, this session will show participants how to successfully implement blended learning in the classroom with minimal planning time. Teachers will leave ready to tackle the idea of blended learning.

**Presenter(s):** Kelly Barr, Teacher and Traci DeWall, Technology Integration Specialist, Gilmer County High School, Glenville, WV

### 593. When Students Don't Learn: Reteach, Relearn and Reassess!

Room: 116 Session Type: BP
Objective: 3D

We believe all students can learn, but how should we respond when students don't learn? Attend this session and learn how make the reteaching and relearning process more efficient. Pick up tips to ensure reassessments produce desirable results and make certain students still take original assessments seriously.

**Presenter(s):** Sherri Nelson, Director of Instruction, Huron School District, Huron, SD

## 60-MINUTE SESSIONS

### 594. Using SREB's Literacy Ready Curriculum in Alternative Settings

Room: L4 Session Type: BP
Objective: 3D

Explore two teachers' first-year implementations of the Literacy Ready curriculum and use of the Literacy Design Collaborative (LDC) in an alternative and technical school. This curriculum has made a difference for several students who would otherwise not be ready for college and careers. Participants will receive hands-on experience with different LDC mini-tasks from several units in the Literacy Ready curriculum.

**Presenter(s):** Angela Heilman, English Teacher, Camdenton R-III School District and Angela Tynes, Communication & Literacy Instructor, Lake Career and Technical Center, Camdenton, MO; Bob Stokes, School Improvement Consultant, SREB, Atlanta, GA

### 595. From Renderings to Ringing Bells

Room: 115 Session Type: BP
Objective: 4B

Is your school or district embarking upon or engaged in a new building project? Learn how one county school district turned a 20-year discussion into a new career and technology center and the lessons learned along the way. See how the new career center building project became an impetus for schoolwide change and program refocus for teachers and students.

**Presenter(s):** Yetta Burns, Office Manager; Chris Dinkins, Director; Teresa Holmes, Guidance/Administration; and Patty Reid, Culinary Arts Instructor, Fairfield Career & Technology Center, Winnsboro, SC

### 596. Planning for the Future: Transitioning to an Academy School

Room: L5 Session Type: BP
Objective: 5A

Learn how a large Title 1 high school is making the transition to the academy model next year. School staff will share their story of preparing for the change, offering schools in similar situations an opportunity to hear how others deal with these issues. The session will end with a Q&A and discussion forum.

**Presenter(s):** Linda Clark, Assistant Principal; Patrick Mahaffey, Lead Teacher Construction Academy; and John Tronolone, Academy Coach, Berkmar High School, Lilburn, GA

### 597. Grow, Grow, Grow Your Brain

Room: Conference Theater Session Type: BP
Objective: 5B

What can teachers do to help develop mastery-oriented students – students who will face a challenge rather than be overwhelmed by it? The presenter will share the research on growth mindsets and their impact on student learning. Participants will explore strategies for cultivating a growth mindset in their students and learn ways to help them "grow their brains."

**Presenter(s):** Gene Bottoms, Senior Vice President, SREB, Atlanta, GA

### 598. Behavior Is a Symptom… NOT the Problem!

Room: 106 Session Type: BP
Objective: 5B

"Behavior Is a Symptom" demystifies the common behavior problems exhibited in schools by first explaining WHY they occur and teaching HOW to change them. Learn the precursors that lead to all behavior, how to transform academic and behavioral outcomes, explain what leads to at-risk behaviors and why people repeat it, and demonstrate how relevance and relationships impact behavior.

**Presenter(s):** Hotep MBA, Founder, Hustle University, Stone Mountain, GA

## 60-MINUTE SESSIONS

### 599. Student Voice Institute: A Vehicle for Empowering Students

Room: 101 Session Type: BP
Objective: 5C

This session will focus on the Arkansas Leadership Academy's Student Voice Institute and the benefits to student and adult learners resulting from the collaborative relationship developed through the process. Data collected from both students and faculty mentors will be explained and a process for developing these relationships at individual schools and districts will be presented.

**Presenter(s):** Blaine Alexander, School Support Leader and Jennifer Medeiros, Research Specialist, Arkansas Leadership Academy, Fayetteville, AR

### 600. Wacky Wednesdays to Fantastic Fridays: Motivating Our Students

Room: 103 Session Type: BP
Objective: 5C

After years of students being apathetic about their grades, one school's staff said "enough is enough" and came together to create Wacky Wednesdays. This program has increased grades, students on honor rolls, and student accountability through stimulation of extrinsic and intrinsic motivation. Presenters will discuss hurdles encountered, RTI and their vision for the coming school year.

**Presenter(s):** Kindra Beekman, Rochelle Brown-Hall, Jennifer Cooper, Erin Dittmer, Keri Rusinko and Jessica Schertz, Teachers, Akron Public Schools, Akron, OH

### 601. Navigating College and Career Choices: Information Empowers

Room: 102 Session Type: BP
Objective: 6B

The Federal Reserve has resources to empower students to become informed decision makers with respect to their college education and/or career pathways. Attendees will learn about the variety of FREE online tools and curriculum materials from the Federal Reserve Bank of St. Louis including videos, interactive chats, infographic, articles and lessons. See how to empower your students!

**Presenter(s):** Jeannette Bennett, Senior Economic Education Specialist, Federal Reserve Bank of St. Louis - Memphis Branch, Memphis, TN; and Erin Yetter, Senior Economic Education Specialist, Federal Reserve Bank of St. Louis, Louisville, KY

### 602. The Elephant in the Room: Mitigating the Growing Teacher Shortage

Room: 218 Session Type: BP
Objective: 7B

Participants will review strategies school and district leaders can take to retain effective teachers. Using action research findings and new strategies, participants will brainstorm actions leaders can take to keep novice teachers in education, provide ongoing professional development to veteran teachers and create systems to bring professionalism to the forefront of teaching.

**Presenter(s):** Scott Warren, Director of State Initiatives, SREB, Atlanta, GA

## 60-MINUTE SESSIONS

### 603. The Successful Marriage of Counseling for Careers and Advanced Career

Room: 109 Session Type: BP
Objective: 7C

See how one high school is implementing seven essential strategies of Counseling for Careers (C4C) with fidelity, resulting in successful Advanced Career pathways. Our LINKS effort provides a coach/advocate/mentor for every student via small teams. Through continued education and career exploration, students gather the necessary knowledge and skills to make wise choices.

**Presenter(s):** Lynn Anderson, Coordinator, Counseling for Careers, SREB, Atlanta, GA; and Melinda Isaacs, Principal, Clay County High School, Clay, WV

### 604. Positive Effects of a No-Zero Grading Policy

Room: 107 Session Type: BP
Objective: 7D

This full-day career and technical education center raised its academic rigor and instructional standards, and improved its academic achievement through adopting a no-zero grading policy. Learn the steps the staff took, the mistakes they made and their plans for future achievement. This session will include grade data showing increased student achievement as the policy was implemented.

**Presenter(s):** John Davis, Assistant Principal, Ashland County-West Holmes Career Center, Ashland, OH

### 605. Faculty Retreats: Creating a Culture and Climate for Success

Room: 203-206 Session Type: SC
Objective: 8A

A positive school climate and culture are essential to positive results. Whether you are an administrator or teacher leader, if you are charged with creating a positive, successful climate and culture at your school, this session is for you. We hope you will take away the desire to plan a faculty retreat and plan to “Go Big” and “Go Easy!”

**Presenter(s):** Sarah Deason and Chris Timmons, Assistant Principals; and Sheri Wells, Principal, Buford Middle, Lancaster, SC

## 60-MINUTE SESSIONS

### 606. Breathing and Relaxation: The Keys to a Healthier You

Room: 212-213 Session Type: BP
Objective: 8A

Educators are on constant overload. This session will empower educators with the tools to identify stress triggers as well as practical approaches and coping strategies essential to one’s well-being. This highly interactive session will give participants strategies to take better care of themselves. Relaxed teachers teach better. Relaxed students learn better.

**Presenter(s):** Carla Tantillo-Philibert, Founder, Mindful Practices, Oak Park, IL

### 607. The ICU List: Managing Missing Assignments Made Easy!

Room: Cascade Ballroom A Session Type: BP
Objective: 8C

Participants in this session will learn to improve communication between staff, students and parents. When a teacher puts a student on the ICU List, the student’s parents automatically receive text and email notification. This powerful online tool empowers teachers and administrators to monitor, manage and collect every assignment and connect with families on a regular basis.

**Presenter(s):** Danny Hill, Retired Principal/Consultant, Power of ICU, Lebanon, TN

### 608. Survey Says: School Leaders Need Data

Room: 216-217 Session Type: BP
Objective: 8E

Surveys can provide school leaders with timely information from teachers, parents and students that will help them to make better decisions for the school. Surveys can help leadership identify areas of sensitivity and know where they need to improve or re-focus their communication efforts. Finally, surveys can provide critical feedback that reveals what they can work on to be better leaders.

**Presenter(s):** Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA

## FEATURED SPEAKER

David Shepard

### 609. How to Improve the Quality and Quantity of Parental Involvement

Room: Cascade Ballroom A Session Type: BP
Objective: 3D

This session will help in putting together an action plan so that parents can become an integral part of the learning process. Participants will examine their own commitment regarding increasing parental involvement and will share their own best practices. Many practical "We can do this Monday" ideas will be shared.

**Presenter(s):** David Shepard, Consultant, The Middle Matters and More, Lexington, KY

## 60-MINUTE SESSIONS

### 610. Building a Workplace Environment

Room: 219 Session Type: BP
Objective: 1A

Designing and implementing projects that mirror problem solving and troubleshooting in the workplace prepares students to not only enter the workforce but to explore postsecondary options and related occupations. This session will showcase how a diesel technical instructor is developing that environment, and a recently graduated student will share experiences.

**Presenter(s):** Michelle Muckenthaler, 2016 Diesel Technical Graduate and Frank Stafford, Diesel Technical Instructor, Northland Career Center, Platte City, MO; and Marty Sugerik, School Improvement Consultant, SREB, Atlanta, GA

### 611. Producing Career Ready Graduates Through Medical and Health Pathways

Room: 214-215 Session Type: BP
Objective: 1B

Career and technical education (CTE) teachers and administrators will share their school's medical, health and the environment career theme structure. Freshman year major selection, individual student completion tracking of CTE courses in a prescribed sequence and senior year enrollment in a capstone course with industry certification potential (MNA, EKG, pharmacy technician) will be detailed.

**Presenter(s):** Krista Ford, CTE Teacher; Sarah Hitchings, Assistant Principal; and Deborah Robinson, CTE Department Chair, Waggener High School, Louisville, KY

### 612. Finding Pathways to Success

Room: 201 Session Type: BP
Objective: 1C

It is important to fully engage students in quality pathways of study through rigorous academics, hands-on application and early industry credentials as well as work-based, project-based and problem-based learning opportunities. Hear two agricultural pathway teachers describe their experiences in pathway instructional practices.

**Presenter(s):** Brittney Kee, Horticulture Teacher and James Slee, Agriculture Construction Teacher, Chicago High School for Agricultural Sciences, Chicago, IL

## 60-MINUTE SESSIONS

### 613. Businesses and University Support for a High School Project

Room: 218 Session Type: BP
Objective: 2A

Learn how high school agriculture students completed a project providing food to needy families. The project involved advanced growing techniques that required partnerships with industry and Penn State University personnel. This presentation will focus on how the project drew community businesses and the university into partnership with the students.

**Presenter(s):** Paul Heasley, Agricultural Science Teacher, State College Area High School, State College, PA; and Daniel Perna, Owner, James Daniel & Associates, LLC, Houtzdale, PA

### 614. Blurring the Lines With the Business Community

Room: 202 Session Type: BP
Objective: 2C

The Centers for Advanced Professional Studies (CAPS) is a model example of educating students in real-world career environments. In the Greater Ozark CAPS (GOCAPS) version, 11 school districts have developed a regional consortium for connecting business with secondary education. Students leave their home school and spend half of their instructional day in an industry setting.

**Presenter(s):** Craig Carson, Assistant Superintendent and Kevin Patterson, Superintendent, Ozark R-VI Schools, Ozark, MO; and Lindsay Haymes, Executive Director, GO CAPS, Springfield Area Chamber of Commerce, Springfield, MO

### 615. Using a Balanced Approach When the Textbook Is Procedural

Room: L6 Session Type: BP
Objective: 3B

The presenter and participants will look at ways to make the most of content-area textbooks when the standards no longer align. We will also investigate ways to bring in that balanced approach to a lesson when the textbook is predominately procedural. Learn to liberate instruction from textbook tyranny!

**Presenter(s):** Cathey Ritter, Independent Math Consultant, Vestavia Hills, AL

### 616. Student Support Services Team

Room: 116 Session Type: BP
Objective: 3D

The Student Support Services Team focuses on result-oriented systems using a three-tier RTI process to address academic, attendance and behavior needs of the school. Teams are made up of school counselors, attendance clerks, assistant principals, ADPP and other resource staff members. We have seen significant growth and gains in student attendance, behavior and academic achievement.

**Presenter(s):** Mary Ann Tackett and Andrew Thomas, School Counselors, Waggener High School/Jefferson County Public Schools, Louisville, KY

### 617. ESOL Population Skyrocketing? We Can Help!

Room: 104 Session Type: SC
Objective: 3D

The English for Speakers of Other Languages (ESOL) student population is growing every year in the United States. Most schools are not prepared for this challenge; however, there are simple strategies and interventions that any school can implement to better serve these students. Strategies include improving culture and student success.

**Presenter(s):** Claudia Newbern, Assistant Administrator, R.B. Stall High School, Charleston, SC

## 60-MINUTE SESSIONS

### 618. Using Media Savvy Students to Promote Learning Communities

Room: 115 Session Type: BP
Objective: 4B

See how one high school has developed a media program in which its tech savvy audio/video production students continuously promote its four different learning communities. Weekly, students produce a "community spotlight" that features the unique happenings from within classrooms. Activities exemplify 21st-century learning skills and a snapshot of various career pathways.

**Presenter(s):** Michael Dudas, Media Arts Coach, Galveston ISD, Galveston, TX

### 619. Students Bored? Creating Student-Centered Learning in Science

Room: 109 Session Type: BP
Objective: 5A

Join two science teachers as they describe how they developed a new curriculum focused on student-centered learning in biology and physical science. Also, learn about creating authentic assessment projects that will keep students engaged as they prove mastery of content. See examples of student-centered formative assessments as well as authentic summative assessments from both courses.

**Presenter(s):** Dee Pukl and Kate Rohrbach, Science Teachers, White Knoll High School, Lexington, SC

### 620. Motivating ALL Students Through Intentional Grouping

Room: 101 Session Type: BP
Objective: 5B

The presenter will provide participants with research-based practices (grouping strategies, personalized assignments/projects and a competition) for the successful alignment and implementation of college- and career-readiness standards to engage every student. Interactive guides and course activities will allow participants to design their own mini-lessons congruent with existing core courses.

**Presenter(s):** Lonnie McCann, Teacher/Educational Consultant, Bethel School District/Raise The Scores, Graham, WA

### 621. Creating a Climate, Culture and Atmosphere That Drives Success

Room: 103 Session Type: BP
Objective: 5C

Ask, listen, learn, build, collaborate and celebrate (ALLBCC): the formula for turning around your class, team or school. Easy-to-implement steps will change the entire culture of your school in a very short time, but will last well beyond your tenure. Whether you are a teacher, coach, counselor, dean of students, athletic director, assistant principal, principal or district leader, this session is for you.

**Presenter(s):** Greg Dettinger, Principal, New Prairie High School, New Carlisle, IN

### 622. Make It Great With Structure, Routine and Classroom Management

Room: 106 Session Type: BP
Objective: 5C

Are you continually behind and feel like you will never get caught up? Whether you are a new or veteran teacher, this energizing session will lead to increased student engagement, less discipline problems, efficient organization and improved time management. End each school day less stressed and having more fun.

**Presenter(s):** Rick Waggoner, Teacher, Penta Career Center, Perrysburg, OH

## 60-MINUTE SESSIONS

### 623. Technical Texts Accessible to Students in Project-Based Assignments

Room: 203-206 Session Type: BP
Objective: 6B

In career and technical education fields, information is not limited to written texts, but often includes diagrams, tables, charts and a variety of digital and/or online formats. Participants will learn how to choose and prepare texts and develop their abilities to guide and support students in understanding technical texts.

**Presenter(s):** Teresa Rogers, Literacy Consultant, Kentucky Department of Education, Frankfort, KY

### 624. What Is CTE Excellence?

Room: 208 Session Type: BP
Objective: 8A

Learn how this district has developed a data-driven evaluation model to determine excellence at the teacher level, at the cluster level and at the department level. Using a consensus model to initiate transformative change is helping to propel this school district toward excellence in both program offerings and results.

**Presenter(s):** Luann Argersinger, Counselor; David Reynolds, Director; and Kevin Ross, Coordinator, Bryan High School - Blue Campus, Bryan, TX

### 625. Distribute Leadership to Maximize Leadership

Room: 216-217 Session Type: BP
Objective: 8C

Schools are far too complex for any one person, or even a handful of people, to successfully lead and manage without distributing leadership widely. Heroic leadership is not enough. This session will focus on keys to establishing and managing effective school leadership teams that distribute the leadership load across many shoulders.

**Presenter(s):** Jon Schmidt-Davis, Director, Learning-Centered Leadership Program, SREB, Atlanta, GA

### 626. Be Your Own Genie in a Bottle - Effective Classroom Teachers

Room: 207 Session Type: BP
Objective: 8D

This session will engage educators from classroom teachers to state superintendents on the components of a highly effective classroom environment. Educators will find out that what they need to increase the instructional time in the classroom is already in them. Say goodbye to band-aid approaches.

**Presenter(s):** Lashawnte Jackson, Consultant, Center for Teacher Effectiveness, Hayden, ID

### 627. School Climate and Strategic Planning

Room: 212-213 Session Type: BP
Objective: 8E

This session will focus on a statewide approach to building and maintaining positive school environments. In response to research, Georgia is the first state to include school climate as an early indicator in its academic accountability system, the College- and Career-Ready Performance Index (CCRPI). The School Climate Star Rating is a diagnostic tool to determine if a school is on the right path.

**Presenter(s):** Kenneth Mason, Director, HSTW Urban Initiatives, SREB, Atlanta, GA

Alan Blankstein

## CLOSING GENERAL SESSION — EXHIBIT HALL 2C

**Excellence Through Equity: Five Principles of Courageous Leadership to Guide Achievement for Every Student**

**Presenter:** Alan Blankstein, Founder, Solution Tree and HOPE Foundation, Bloomington, IN

While the movement for standards and accountability has largely succeeded in bringing greater attention to disparities in student achievement, surprisingly little attention has been given to what it takes to create conditions in schools that will make achievement for all students more likely. The speaker will describe principles and practices that have proven effective in meeting the needs of a wide variety of learners, and how practitioners can avoid the zero-sum scenario which leads some to believe that we have to choose between the pursuit of excellence and equity. Attendees will learn:

1. The changing demographics and economics that call for a more effective approach to addressing disparities and inequities;
2. Why the path to excellence is through equity and what we can do to make it happen;
3. How courageous leaders build commitment to high-performing school cultures; and
4. An instructional approach to engaging learners, building relations and personalizing learning across ethnic, cultural and linguistic divides.

# PRESENTERS INDEX

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| Bullock, Sabrina | 196 | Robert C. Hatch High School | Uniontown, AL | sabrinawest63@yahoo.com |
| Burdette, Garrett | 245, 564 | Nitro High School | Nitro, WV | gburdette@mail.kana.k12.wv.us |
| Burgess, Corey | 369 | Sumter County | Sumter, SC | |
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| PRESENTER NAME | SESSION NUMBER | ORGANIZATION | CITY | EMAIL |
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| Miller, Stephanie | 465 | Gra-Mar Middle School | Nashville, TN | stephanie.miller2@mnps.org |
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| Moore, Pamela | 14 | Kentucky Department of Education/Office of CTE | Frankfort, KY | pamela.moore@education.ky.gov |
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# PRESENTERS INDEX

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- Student Veterans: How To Succeed
- Strategies For First Generation Students
- Leading As A Student-Athlete

### Reading & Writing Strategies

- Pre-Writing Techniques
- Developing A Strong Thesis Statement
- Introductions, Paragraphs & Conclusions
- Reading Comprehension Strategies
- How To Proofread & Edit

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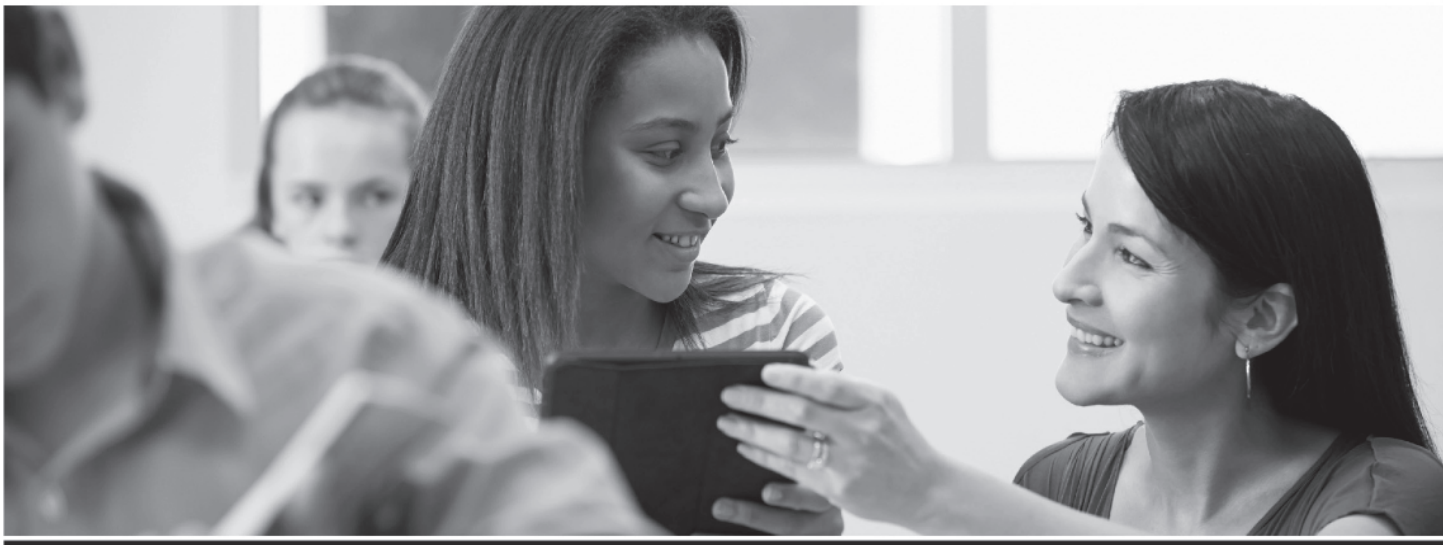
social and emotional learning - positive behavior interventions - individualized student supports

# Classroom Proven Strategies



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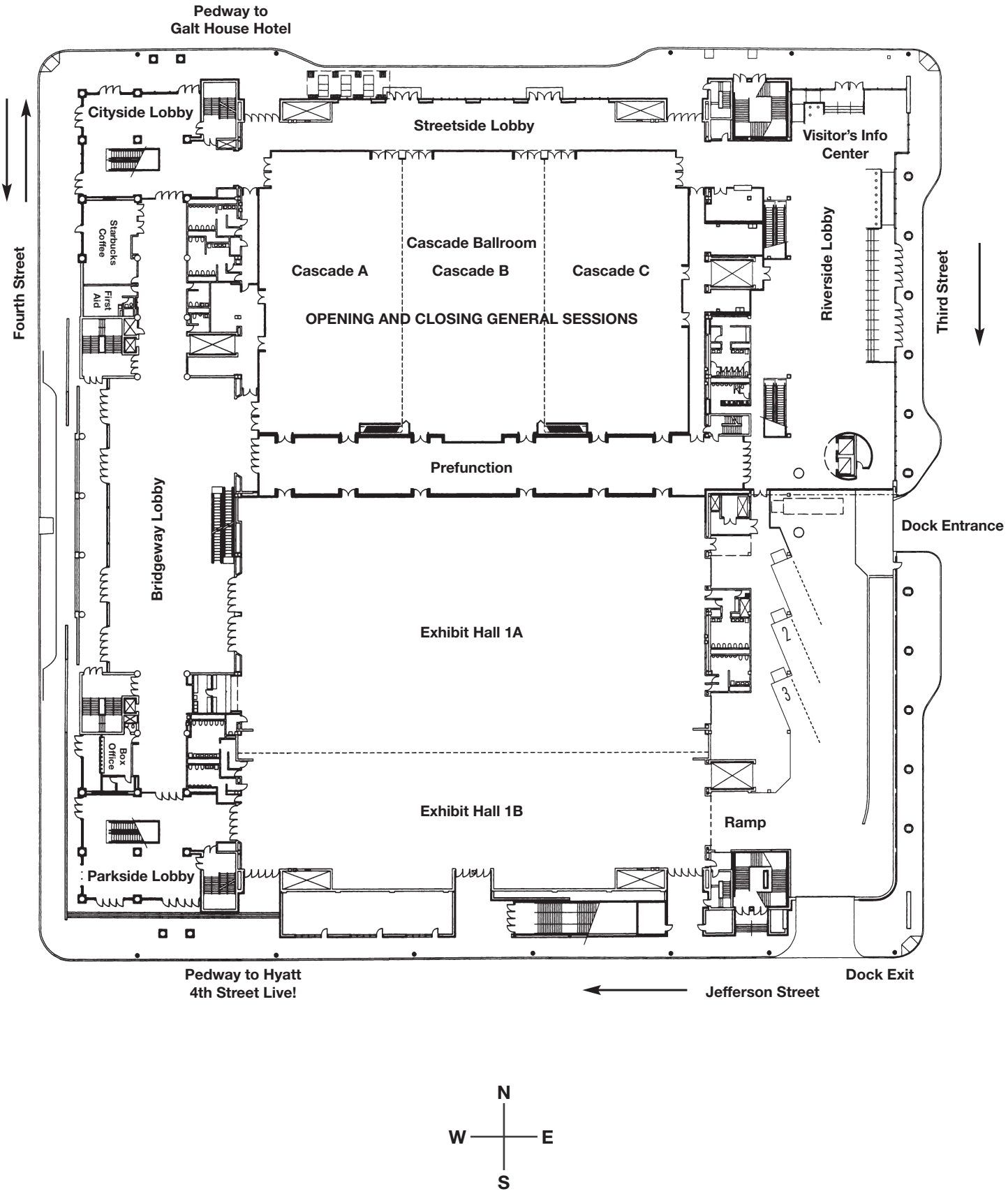
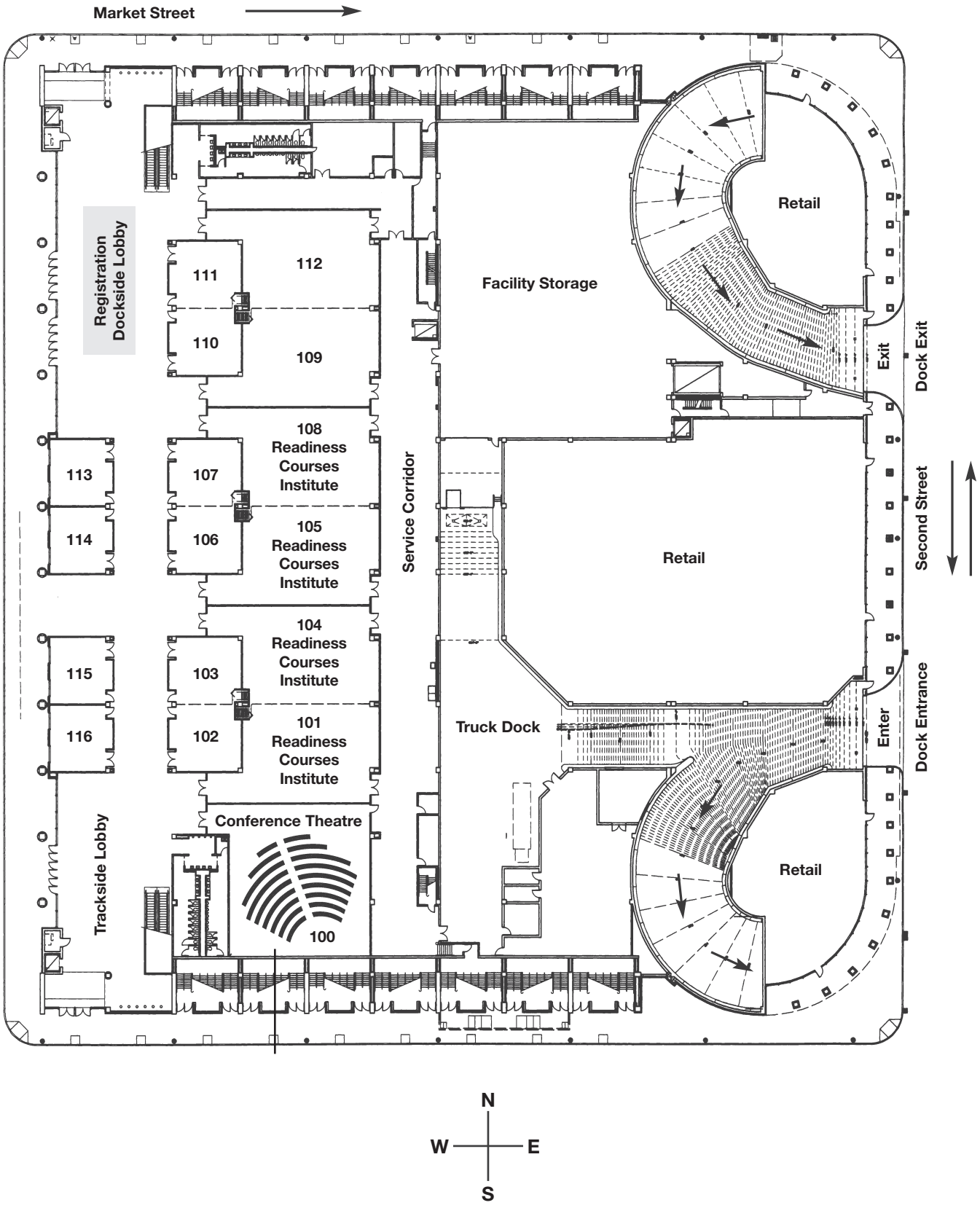
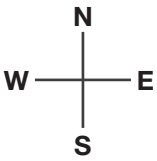
# KENTUCKY INTERNATIONAL CONVENTION CENTER — LOBBY LEVEL



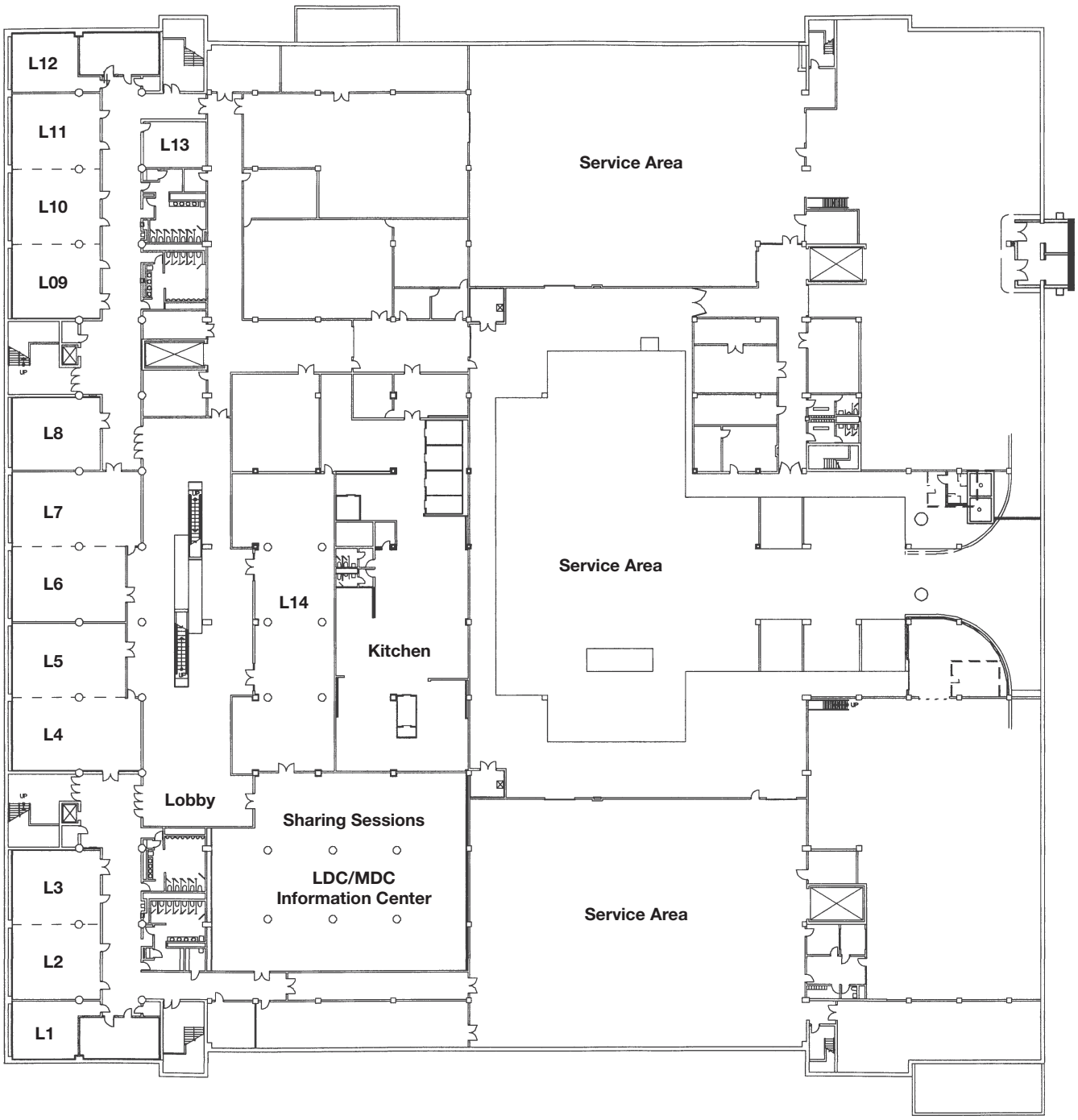
# KENTUCKY INTERNATIONAL CONVENTION CENTER — LEVEL 1



# KENTUCKY INTERNATIONAL CONVENTION CENTER — LEVEL 2



# KENTUCKY INTERNATIONAL CONVENTION CENTER — LEVEL L



## PARTICIPANT NOTES

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SREB

High Schools That Work

# 31st Annual HSTW Staff Development Conference

Wednesday, July 12 – Saturday, July 15, 2017
Gaylord Opryland Resort and Convention Center
Nashville, Tennessee

www.sreb.org/summerconference

**Registration and Proposals:**

The conference announcement brochure and registration materials will be available online and sent to member schools by January 2017. We will also begin accepting proposals to present at www.sreb.org/summerconference.

**Hotel Information:**

Connections Housing will act as the booking agent for all contracted conference hotels. To reserve a room, please visit www.bitly.com/connectionshousing or call (404) 842-0000 or (800) 262-9974. As is standard practice, hotels will require a one-night deposit for each room reservation. Refunds will be given only if cancellations are made at least seven (7) days prior to the scheduled date of arrival. Reservations must be made by Friday, May 26, 2017, in order to receive the SREB room rate. It is advisable to reserve your rooms early, as the SREB block tends to sell out quickly.

By Wednesday, May 24, 2017, each room must list each occupant's name and a valid method of payment for the one-night deposit. Credit cards and checks are considered valid methods of payment; school purchase orders will not be accepted.

Please call Connections Housing at (404) 842-0000 or (800) 262-9974 with any questions regarding hotel reservations.

The following is a sample of conference hotels:

| Conference Hotel | Single/Double Room* |
|---|---|
| Gaylord Opryland | |
| Single | $159 |
| Double | $159 |
| Triple | $199 |
| Quadruple | $209 |

* The room rates above do not include room tax or fees.

Note: Remember to ask for the 2017 SREB/HSTW Conference rate when booking your reservation.

Southern Regional Education Board • High Schools That Work
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