

Check out our 2020 date!
Add it to your calendar today!



Save the Date:

2020 WSUNER

8th Annual Conference

will be held on

Saturday, March 7, 2020

Proposals due:

November 1, 2019

Conference Schedule

7:45 a.m. Hangar	Registration Open
7:45–8:10 a.m. Hangar	Lite Breakfast Served
8:10–8:35 a.m. Hangar	Opening Address
8:45–9:30 a.m.	Breakout Session 1
9:45–10:30 a.m.	Breakout Session 2
10:45–11:30 a.m.	Breakout Session 3
11:40–12:15 p.m. Hangar	Awards, Recognition, and Prizes

Presenting Partners



COLLEGE OF
**EDUCATION AND
HUMAN SERVICES**

**Wright State University
Office of Partnerships and Field Experiences
Partners**

	Bellbrook-Sugarcreek Schools
	Dayton Public Schools
	The Dayton Regional STEM School
	Fairborn City Schools
	Five Rivers MetroParks
	Huber Heights City Schools
	Milton Union Exempted Village Schools
	Trotwood-Madison City Schools
	Troy City Schools
	West Carrollton City Schools

WSUNER Conference Committee

Stephanie Adams – Community Outreach Director, Dayton Regional STEM School

Kathleen Bledsoe – Teacher, Huber Heights City Schools

Betsy Chadd - Director of Curriculum and Gifted, Bellbrook-Sugarcreek Schools

Dr. Rusty Clifford – Director of Administration and Operations – Montgomery County ESC

Dr. Amy Elston - (Chair), Assistant Director, WSU Office of Partnerships and Field Experiences

Dr. Michelle Fleming - Assistant Professor in Teacher Education, College of Education and Human Services, Wright State University

Kristine Gillespie – Teacher, West Carrollton City Schools

Dr. Joseph Keferl - Dean, College of Education and Human Services, Wright State University

Tracey Kramer - Director, Office of Partnerships and Field Experiences, Wright State University

Diane Kroplin – Manager of Educational Media, ThinkTV

Beth Mitchell – Language Arts Teacher, West Carrollton City School District

Michael Moore – Director of Curriculum and Instruction, Troy City Schools

Dr. Nimisha Patel - Chair of Teacher Education Department, College of Education and Human Services, Wright State University

Colleen Saxen - Graduate Assistant, Office of Partnerships and Field Experiences, Wright State University

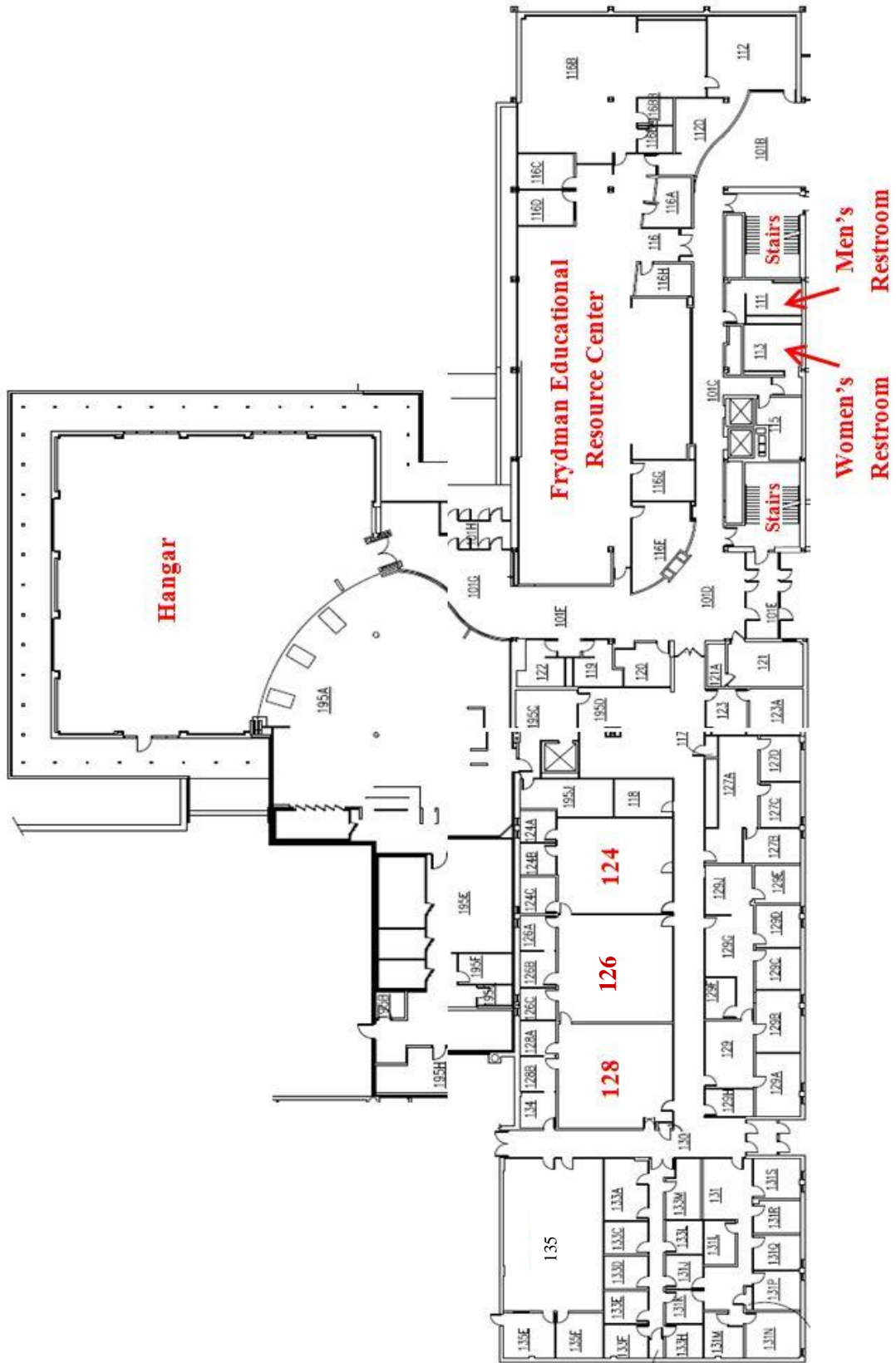
Dr. William Slattery - Professor, Department of Earth and Environmental Sciences, College of Science and Mathematics, Wright State University

Dr. Sheri Stover - Associate Professor, Department of Educational Leadership, College of Education and Human Services, Wright State University

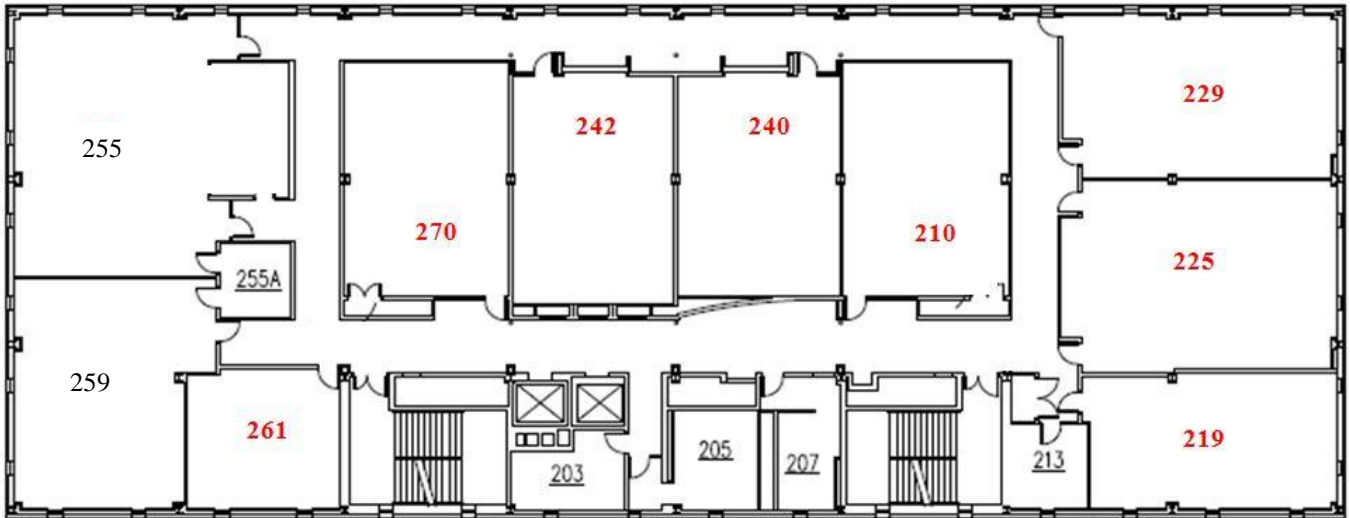
Dr. Jim Tomlin - Associate Dean, College of Education and Human Services, Wright State University

Dr. Nancy Williams - Assistant Professor in Leadership Studies, College of Education and Human Services, Wright State University

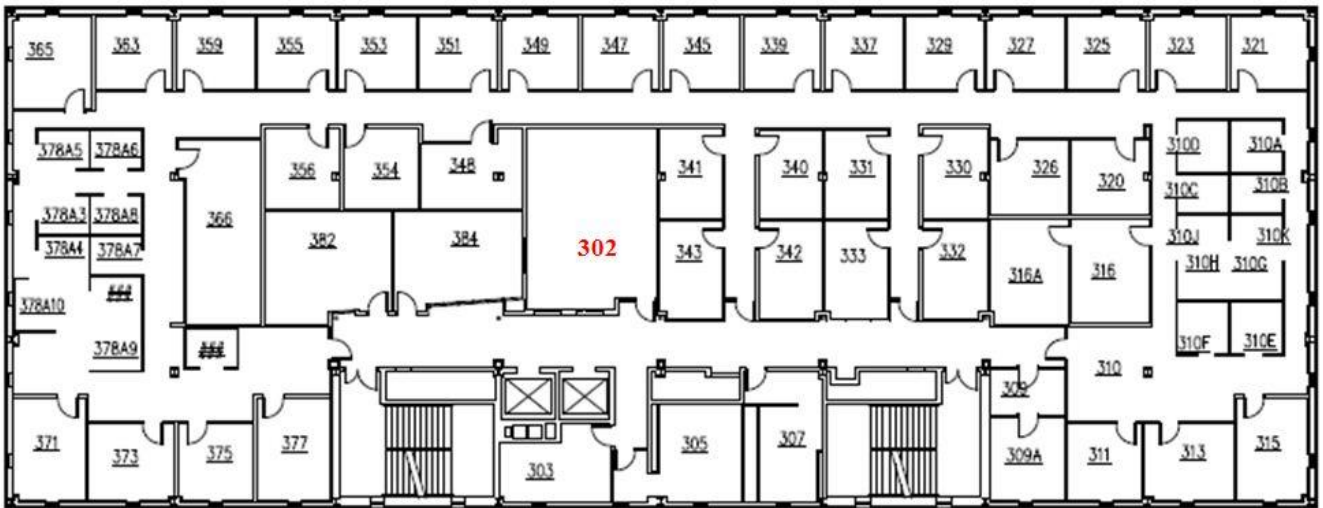
1st Floor Allyn Hall



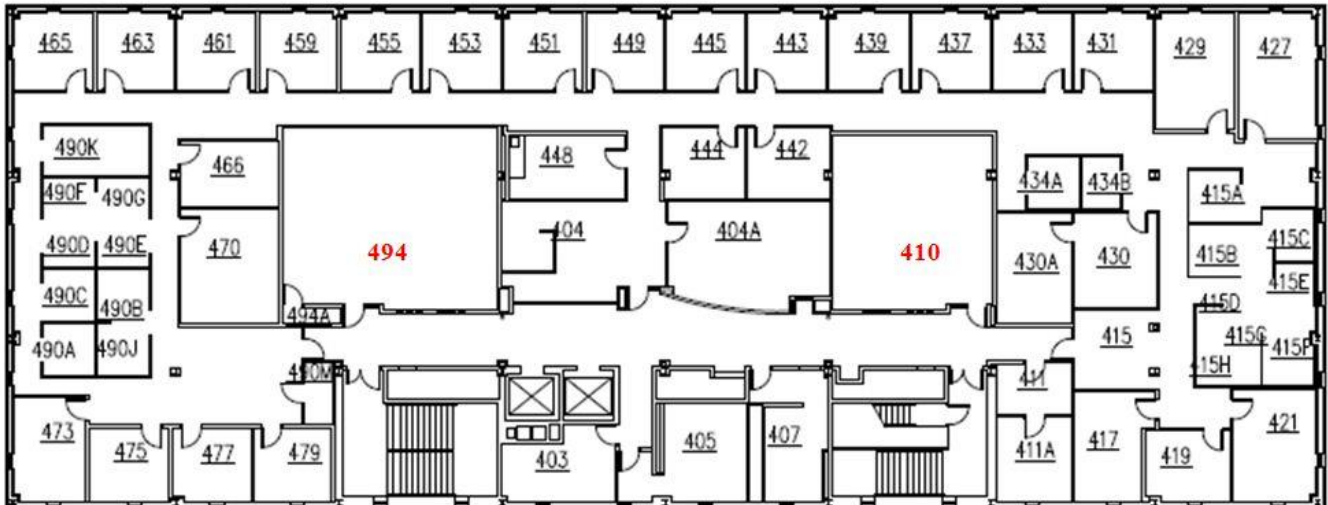
2nd Floor Allyn Hall



3rd Floor Allyn Hall



4th Floor Allyn Hall



Be E³ Smart

Ohio Energy Project

Educators are the greatest resource for shaping young minds to impact Ohio's energy future. The Be E³ Smart Program sparks curiosity about energy and provides teachers with the knowledge and materials needed to cultivate energy wise behaviors and love of science in students who will become energy learners, leaders and stewards in their communities. If you want to provide your students with materials, lessons and hands on activities to meet the energy science standards, make sure to attend Be E³ Smart!

Presenter: Monique Heath



Monique Heath is an Education Coordinator with Ohio Energy Project. Since joining the team in the spring of 2018, Monique has traveled across the Buckeye State facilitating teacher and student workshops and programs. She has also played an active role in the curriculum development for the Be E³ Smart Program. At Ohio Energy Project she brings over 10 years' experience in K-12 education. Prior to her joining Ohio Energy Project she worked for Visionary Leaders Institute an education consulting firm who specialized in providing change in the field of urban education. In that organization she served as a Contract Administrator negotiating and making sure all performance contractual obligations were met as well as business planning, to workflow control. In addition to her contract administrative duties she also was a Technology Consultant where she facilitated innovative and interactive 21st Century Technology workshops for educators and students assisting with navigating the issues surrounding today's technology and how to leverage the power of these tools for academic excellence.

Co-Presenter: Vicki Dunlevy

Vicki Dunlevy is a National Board-Certified teacher, who currently teaches 6th grade science at Larson Middle School in Grandview Heights, OH. She recently received her Gifted Certification to extend her curriculum and to better differentiate the learning experience for her sixth graders. As the only sixth grade science teacher in her district, she works with her colleagues to develop curriculum and align content to provide continuity throughout the middle school science program and beyond. She also coaches and supports the middle school Science Olympiad Team. Vicki has been a member of the Activating and Energizing Girls In Science (AEGIS) team with the Ohio Energy Project (OEP) for the past ten years, presenting this program to partners of American Electric Power in Texas, Arkansas, Oklahoma, Virginia, and here in Ohio by empowering more than 40 student leader groups to spread their energy knowledge to thousands of students nationwide. AEGIS workshops are designed to empower middle school girls through STEM, to think about energy's sources and production a little differently and energizes them to become student leaders in their classrooms, schools, and communities.

For more information about the Ohio Energy Project and what they have to offer teachers, students and school districts across Ohio, please visit their website at www.ohioenergy.org



Be E³ Smart

Ohio Energy Project

Presentation Topic	Time	Room
<p>Be E³ Smart – Middle & Secondary</p> <p><i>Overarching Topics: Active Learning, Engagement, Instructional Practices & Leadership</i></p> <p><i>Audience: 7th-12th</i></p> <p><i>Content: Science</i></p> <p>After sparking curiosity about energy in the classroom students will now take a leading role outside the classroom viewing efficiency through a community lens and participating in culminating projects that inform others about energy efficiency and conservation.</p>	08:45-09:30	225
<p>Be E³ Smart – Elementary</p> <p><i>Overarching Topics: Active Learning, Engagement, Instructional Practices</i></p> <p><i>Audience: 3rd-6th</i></p> <p><i>Content: Science</i></p> <p>Introduction to energy, energy sources and its use. Participate in hands-on activities related to energy efficiency. This session and its activities will offer a rewarding pathway for cultivating energy efficient behaviors at home.</p>	09:45-10:30	225
<p>Energy Leadership & Exploration</p> <p><i>Overarching Topics: Active Learning, Engagement, Instructional Practices & Leadership</i></p> <p><i>Audience: Elementary, Middle and Secondary School Educators</i></p> <p><i>Content: Science</i></p> <p>This session overview will spotlight all of the great programs OEP has to offer. Programs include:</p> <ul style="list-style-type: none"> • Grade-Level Professional Development Workshops: Grades 3rd, 4th, 5th, 7th & 9th • Energy Efficiency Program • Energy Sources Tour & Blitz • AEGIS (Activating and Energizing Girls In Science) • Careers in Energy Program • Youth Energy Summits & Workshops 	10:45-11:30	225

2019 Conference at a Glance

1st Session 8:45 – 9:30

Presentation Title	Intended Audience	Content Area(s) Addressed	Overarching Topics	Presenting School District/Organization	Page	Room
 Keep Calm and STEM On	K-5th	STEM	Active Learning, Growth Mindset, STEM or STEAM	Bellbrook-Sugarcreek Schools	12	124
The Science and Literacy Connection	Pre-K-1 st	Science	Active Learning, Content Knowledge, Instructional Practices	Dayton Public Schools	12	126
Great Interactive Notebook Usage	7 th -11 th	Science, Personal Finance	Collaboration, Content Knowledge, Data Driven Decision Making	Fairborn City Schools	12	128
Word Wall Mania!	K-3 rd	Language Arts	Active Learning, Content Knowledge, Engagement	Troy City Schools	12	210
 Be E ³ Smart – Middle & Secondary	7 th -12 th	Science	Active Learning, Engagement, Instructional Practices & Leadership	Ohio Energy Project	13	225
Data Driven Decisions	Pre-K-12 th	Open to all content areas	Assessment, Data Driven Decision Making, Technology	Trotwood-Madison City Schools	13	229
Social Emotional Learning: An Integrated Approach	K-8th	Language Arts, Social Emotional Learning	Instructional Practices, Mental Health in Schools	Montgomery County Educational Service Center	13	240
FDA's Apprentice Master Gardener	10 th -12 th	Art, Math, Science	Collaboration, Leadership, STEM or STEAM	Fairborn Digital Academy	13	242
Student Engagement in Mathematics	K-5 th	Math	Active Learning, Growth Mindset, Instructional Practices	Huber Height City Schools	13	261
Moving The Needle: Using Failure As Opportunity	Pre-K-12 th	Open to all content areas	Cultural Competence, Intervention, Social Justice	Dayton Public Schools	14	270




Denotes a 2018 Outstanding Instructional Practices Award Winner





Denotes a presentation by our Presenting Partners

2nd Session 9:45 – 10:30

Presentation Title	Intended Audience	Content Area(s) Addressed	Overarching Topics	Presenting School District/Organization	Page	Room
 STEM for the Upper Elementary Student	3 rd -5 th	Math, Science	Active Learning, STEM or STEAM, Technology	Troy City Schools	14	124
No More Clip Chart: A Positive Approach to Classroom Management	Pre-K-3 rd	Open to all content areas	Active Learning, Communication, Engagement	Huber Heights City Schools	14	126
Empowering and Supporting Teachers to Better Understand AIR ELA: Content Advisory Committee Perspective on the AIR ELA for Grade 5	4 th -6 th	Language Arts	Assessment	Wright State University	14	302
Easy, Immediate, and Actionable Feedback for Formative Assessments via Technology	3 rd -8 th	Language Arts, Math, Science, Social Studies	Data Driven Decision Making, Instructional Practices, Technology	North Dayton School of Discovery (National Heritage Academies)	14	210
Math Content Made Easy: An Introduction to Matrices	9 th -12 th	Math	Content Knowledge	Dayton Public Schools	15	219
 Be E ³ Smart - Elementary	3 rd -6 th	Science	Active Learning, Engagement, Instructional Practices & Leadership	Ohio Energy Project	15	225
The Trotwood-Madison Turnaround "608 to Great"	Pre-K-12 th , Community	Open to all content areas, District Turnaround	Data Driven Decision Making, School-Community Partnerships, Turnaround Strategies	Trotwood-Madison City Schools	15	229
Teaching Social-Emotional Learning Through Problems and Projects	Pre-K-12 th	Open to all content areas	Instructional Practices, Mental Health in Schools, Social Emotional Learning	Montgomery County Educational Service Center	15	240
National Geographic Educator Workshop – the Human & Natural World	Pre-K-12, formal and informal educators	Cross-curricular: Language Arts, Social Studies, Science, Culture	Collaboration, Cultural Competence, Attitudes, Skills, and Knowledge	National Geographic, Washington, DC	15	242
Creating Cross-Curricular Thematic Units for the Early Elementary Classroom	K-2 nd	Language Arts, Math, Science, Social Studies	Active Learning, Content Knowledge, Instructional Practices	Troy City Schools	15	261
The Art of Becoming a Teacher Leader	PreK-12	Open to all content areas	Collaboration, Communication, Leadership	Middletown City Schools	16	270

3rd Session 10:45-11:30

Presentation Title	Intended Audience	Content Area(s) Addressed	Overarching Topics	Presenting School District/Organization	Page	Room
 Positive Behavior Programs for Middle School	6 th -8 th	Open to all content areas	Data Driven Decision Making, Instructional Practices, Intervention	Fairborn City Schools	16	124
Using the Foundation for Teaching Model to Support New Teachers with Alternative Licenses	7 th -12 th	Open to all content areas	Engagement, Instructional Practices, Universal Design for Learning	Wright State University	16	126
Organizing Like A Boss With Interactive Notebooks!	6 th -12 th	Math, Science	Content Knowledge, Data Driven Decision Making, Engagement, Instructional Practices	Fairborn City Schools	16	128
Missed Opportunity: Spelling Instruction and Multisensory Structured Language	Pre-K-8 th	Language Arts, Students with language difficulties and dyslexia	Active Learning, Content Knowledge, Instructional Practices	CodeBreakers, LLC	16	210
All Means All - Connecting Students With Disabilities to STEM	Pre-K-12 th	STEM	Engagement, STEM or STEAM	Huber Heights City Schools	17	219
 Energy Leadership & Exploration	3 rd -12 th	Science	Active Learning, Engagement, Instructional Practices & Leadership	Ohio Energy Project	17	225
Q&A with Elementary Administrators	Pre-K-12 th , Community	Open to all content areas, School leadership and administration	Communication, Growth Mindset, Leadership	Troy City Schools	17	229
Using Educational Escape Rooms in the Classroom	3 rd -12 th	Open to all content areas	Active Learning, Communication, Engagement	Escape the Crate Escape Rooms	17	240
Five Rivers MetroParks Brings Nature Into Your Classroom	Pre-K-4 th , Community	Environmental Education	Active Learning, Communication, School-Community Partnerships	Five Rivers MetroParks	17	242
STEAM/STEM in the Classroom	Pre-K-5 th	Art, Language Arts, Math, Science	Collaboration, Instructional Practices, STEM or STEAM	Our Lady of Perpetual Help Catholic School	17	261
Growth Mindset for Early Elementary Students	Pre-K-3 rd	Open to all content areas	Growth Mindset	Bellbrook-Sugarcreek Schools	18	270
Engaging Middle School Students in the Learning Process	6 th -8 th	Language Arts, Science, Social Studies	Assessment, Engagement, Instructional Practices	Bellbrook-Sugarcreek Schools	18	302

Presentation Summaries

1st Session

(8:45-9:30)



Keep Calm and STEM On

Allyn Hall 124

Dee Van Brackel – Bellbrook-Sugarcreek Schools

Overarching Topics: Active Learning, Growth Mindset, STEM or STEAM

Audience: K-5th

Content: STEM

Modernize your specials! Hear how Bellbrook-Sugarcreek Schools added a STEM class for all 1,100 students in kindergarten-fifth grade. Attendees will hear what Mrs. VB thinks are the top five most important steps to get you started on your way to success with STEM. She will share how her students have changed how they look at problem solving and how they no longer "give up" and how she engages the staff and the community at large with Google Classroom, STEM Fellowship, and hosting a district STEAM Night. Presentation will include an opportunity for hands-on activities.

The Science and Literacy Connection

Allyn Hall 126

Julie Berro and Sarnie Bensman – Dayton Public Schools

Overarching Topics: Active Learning, Content Knowledge, Instructional Practices

Audience: Pre-K-1st

Content: Science

This presentation will enable educators to build a stronger understanding of the Common Core Science Standards/C.C.S.S. The subject matter of disciplines can be set in the larger context of a conceptual framework. This framework is crucial for understanding change and also for the organization of higher level thinking to create a child's ability to use the Bloom's Taxonomy. We will discuss self-reflection focusing on your comfort teaching science in regards to outcomes and objectives. We will also address how to create artifacts from your students' learning and how to strengthen your science inquiry teaching methods using children's literacy as an anchor.

Great Interactive Notebook Usage

Allyn Hall 128

Jovita Wade and Amanda Taylor – Fairborn City Schools

Overarching Topics: Collaboration, Content Knowledge, Data Driven Decision Making

Audience: 7th -11th

Content: Science, Personal Finance

We will introduce effective ways to develop, maintain, store, and grade Interactive Notebooks. These strategies can support students' organizational skills and confidence when moving from one grade to the next. Participants will leave being able to note outcomes of the materials used and where to find effective supplemental resources.

Word Wall Mania!

Allyn Hall 210

Ginny Dowd – Troy City Schools

Overarching Topics: Active Learning, Content Knowledge, Engagement

Audience: K-3rd

Content: Language Arts

Learn how to set up a word wall and unleash the possibilities by incorporating language arts games and vocabulary games. How can you teach your class sight words? Introduce them as monster words and spell them in their special ways. This session is hands-on. All participants will walk away knowing the potential for extended learning the word wall can provide!



Be E³ Smart – Middle & Secondary

Allyn Hall 225

Monique Heath and Vicki Dunlevy – Ohio Energy Project

Overarching Topics: Active Learning, Engagement, Instructional Practices & Leadership

Audience: 7th-12th

Content: Science

After sparking curiosity about energy in the classroom students will now take a leading role outside the classroom viewing efficiency through a community lens and participating in culminating projects that inform others about energy efficiency and conservation.

Data Driven Decisions

Allyn Hall 229

Nicole Davis, Dawana Coleman, and Kiara Williams – Trotwood-Madison City Schools

Overarching Topics: Assessment, Data Driven Decision Making, Technology

Audience: Pre-K-12th

Content: Open to all content areas

This presentation will introduce the participants to an educational intelligence platform that manages and collects data. Using this platform helps to make real time data informed decisions to positively impact student achievement. Participants will be introduced to a number resources that teachers and administrators utilize to drive instructional decisions, such as iReady, Illuminate, Progress Adviser, and DIBELS Next. All participants will leave being exposed to multiple resources used to drive instructional changes and student growth.

Social Emotional Learning: An Integrated Approach

Allyn Hall 240

Amanda Deeter – Montgomery County Educational Service Center

Overarching Topics: Instructional Practices, Mental Health in Schools

Audience: K-8th

Content: Language Arts, Social Emotional Learning

In a world where the demands on teachers are ever increasing, students are entering classrooms with trauma backgrounds, broken families, and/or little in the way of social skills. The expectation is that students will be able to leave these issues at the door and engage in learning. This simply does not happen. At the Montgomery County Educational Service Center, we believe that the best way to incorporate Social Emotional Learning is to integrate it within daily academic content. This presentation will provide a framework on how to integrate Social Emotional Learning into curriculum maps and/or daily lessons. We will give you specific examples of how we have integrated Social Emotional Learning into a Writing Supplemental/ELA curriculum. Participants will leave with practical strategies they can incorporate into their classrooms right away.

FDA's Apprentice Master Gardener

Allyn Hall 242

Shari Little, Erik Tritsch, Caitlin Kavanaugh, and Aaron Page – Fairborn Digital Academy

Overarching Topics: Collaboration, Leadership, STEM or STEAM

Audience: 10th -12th

Content: Art, Math, Science

This student-led presentation will introduce the participants to Fairborn Digital Academy's Apprentice Master Gardener Program. Participants will learn how the school partnered with The Ohio State University Extension Office in Greene County to build a curriculum for high school students. The program teaches general gardening skills and incorporates life skills and leadership skills while teaching students to have pride in themselves, their school, and their community. Participants will leave with a framework to help build a similar program at their own schools.

Student Engagement in Mathematics

Allyn Hall 261

Shalen Back, Kelli Soukup, Chris Gargas, and Paige McRoberts – Huber Heights City Schools and Bellbrook Sugarcreek Schools

Overarching Topics: Active Learning, Growth Mindset, Instructional Practices

Audience: K-5th

Content: Math

This presentation will discuss the importance of engaging students in mathematical experiences. Such rich exposure to mathematical content helps develop student conceptual understanding. Participants will be introduced to math instructions facilitated through a blend of direct instruction, structured investigation, and open exploration. Discussion on the adoption of Bridges in Mathematics will occur; however, participants will leave with ideas on getting started with a shift in instruction using any adopted curriculum.

Moving the Needle: Using Failure As Opportunity**Allyn Hall 270**

Larra Williams and Ashley Wright – Dayton Public Schools

*Overarching Topics: Cultural Competence, Intervention, Social Justice**Audience: Pre-K-12th**Content: Open to all content areas*

This presentation will introduce participants to data and information regarding in/equity and how to implement self-reflection as a method to creating more equitable practices within the classroom. During the first part of the presentation, participants will be given data that illustrates social and emotional barriers that could hinder effective teaching and learning within the classroom. During the second part of our presentation, we will provide participants with strategies of self-reflection in order to properly address some of the social and emotional barriers that students have. The ultimate goal of this presentation will be to provide a deeper understanding of what inequity looks like in school systems today, and how to manage these issues with researched methods provided by The National Equity Project and Montgomery County Equity Fellows.

2nd Session**(9:45-10:30)****STEM for the Upper Elementary Student****Allyn Hall 124**

Karen Warnecke, Jessica Wright, and Nathan Hoffman – Troy City Schools

*Overarching Topics: Active Learning, STEM or STEAM, Technology**Audience: 3rd -5th**Content: Math, Science*

This presentation will introduce the participants to our award winning after school enrichment program for STEM (Science, Technology, Engineering, and Math). Topics covered include robotics, coding, science experiments, mathematical problem solving, and construction. A list of grant funding options will also be provided.

No More Clip Chart: A Positive Approach to Classroom Management**Allyn Hall 126**

Shanon Vance – Huber Heights City Schools

*Overarching Topics: Active Learning, Communication, Engagement**Audience: Pre-K -3rd**Content: Open to all content areas*

This presentation will introduce the participants to a variety of positive classroom management strategies that are based on the idea of “priorities before privileges”, the idea that everything is earned by positive behavior instead of things being taken away because of negative behavior. For example: Students walk in every morning working to earn their recess, classroom helper jobs, and other choices such as special seating in the classroom by making good choices. Participants will gain many strategies for setting up a positive classroom environment as well as building positive relationships with students and families. These strategies can be implemented immediately in classrooms upon leaving the presentation.

Empowering and Supporting Teachers to Better Understand AIR ELA:**Content Advisory Committee Perspective on the AIR ELA for Grade 5****Allyn Hall 302**

Hannah Chai – Wright State University

*Overarching Topics: Assessment**Audience: 4th -6th**Content: Language Arts*

Knowledge is power and this session seeks to empower teachers to better understand the AIR ELA assessment for Grade 5, from a content advisory committee member’s perspective. Background information, insights, and analysis regarding the structure of the AIR assessment will be given, and strategies, tips, and suggestions will be shared.

Easy, Immediate, and Actionable Feedback for Formative Assessments via Technology**Allyn Hall 210**

Sarah Ahmad – North Dayton School of Discovery (National Heritage Academies)

*Overarching Topics: Data Driven Decision Making, Instructional Practices, Technology**Audience: 3rd -8th**Content: Language Arts, Math, Science, Social Studies*

This presentation is designed to enhance educators’ skill-sets with providing immediate feedback on formative assessments to their students. Participants will explore multiple tools and learn how to give easy, immediate, and actionable feedback to students. Educators will discover how websites like Edulastic, GoFormative, Edcite, Prodigy and Google Forms/Quizzes via Google Classroom can ensure student success. Participants will leave this presentation with a deep understanding of how formative assessment feedback technology tools can benefit your students. Participants will leave the training with the ability to implement the tools and strategies immediately.

Math Content Made Easy: An Introduction to Matrices**Allyn Hall 219**

Teresa Sorrell – Dayton Public Schools

*Overarching Topics: Content Knowledge**Audience: 9th – 12th**Content: Math*

Addressing the required math content can be a complex process. Attendees will have the opportunity to view and discuss an activity that incorporates several math skills into one: Students are introduced to matrices, scalar multiplication, and matrix operations. Their understanding is naturally developed, including matrix multiplication. Attendees will leave with ideas for combining complex math skills into one lesson.

**Be E³ Smart - Elementary****Allyn Hall 225**

Monique Health and Vicki Dunlevy – Ohio Energy Project

*Overarching Topics: Active Learning, Engagement, Instructional Practices**Audience: 3rd-6th**Content: Science*

Introduction to energy, energy sources and its use. Participate in hands-on activities related to energy efficiency. This session and its activities will offer a rewarding pathway for cultivating energy efficient behaviors at home.

The Trotwood-Madison Turnaround “608 to Great”**Allyn Hall 229**

Tyron Olverson and Trotwood-Madison Administrative Team – Trotwood-Madison City Schools

*Overarching Topics: Data Driven Decision Making, School-Community Partnerships, Turnaround Strategies**Audience: Pre-K -12th, Community**Content: Open to all content areas, District Turnaround*

Participants will be introduced to a number of strategies that the Trotwood-Madison City Schools has implemented to improve student achievement. All participants will leave the session with the ability to implement evidence-based strategies immediately.

Teaching Social-Emotional Learning Through Problems and Projects**Allyn Hall 240**

Elizabeth Wolfe-Eberly and Jessica Davies – Montgomery County Educational Service Center

*Overarching Topics: Instructional Practices, Mental Health in Schools, Social Emotional Learning**Audience: Pre-K-12th**Content: Open to all content areas*

Providing social-emotional learning opportunities to all students is more important than ever, but when do educators have the time to do it? Teachers are often struggling to get through all of the academic standards let alone a brand new social-emotional curriculum. One effective solution is teaching social-emotional skills through Problem-Based Learning (PBL). Learn how teachers are able to successfully address SEL competencies while also meeting content standards in an efficient and creative way.

National Geographic Educator Workshop – the Human & Natural World**Allyn Hall 242**

Dr. Terry Smith – National Geographic Certification Mentor and Facilitator, National Geographic, Washington, DC

*Overarching Topics: Collaboration, Cultural Competence, Attitudes, Skills and Knowledge**Audience: Pre-K-12th, formal and informal educators**Content: Cross-curricular: Language Arts, Social Studies, Science, Culture*

This session is for in-service teachers, pre-service teachers, and informal educators who are interested in how education can incorporate the human and natural worlds while addressing sustainability, ecology, culture, and geography in the standard K-12 content areas. The Natgeo Learning Framework is based on developing the Attitudes, Skills, and Knowledge (ASK) necessary to foster an Explorer mindset. After this Phase 1 session, attendees are invited to continue the free educator certification process with an online cohort. In Phases 2 and 3, you'll apply the ASK Learning Framework with your students across the scales and perspectives of the human and natural world. Educators completing the program have opportunities to work with explorers in the field, connect with other like-minded people in the NatGeo community, and are eligible for Grosvenor Teacher Fellowship journeys to Antarctica and the Galapagos Islands.

Creating Cross-Curricular Thematic Units for the Early Elementary Classroom**Allyn Hall 261**

Laura Niswonger – Troy City Schools

*Overarching Topics: Active Learning, Content Knowledge, Instructional Practices**Audience: K-2nd**Content: Language Arts, Math, Science, Social Studies*

This presentation will include how to create a thematic unit that is cross-curricular to support and encourage student learning. This session will include a variety of activities and lessons that are scaffolded to meet all developmental levels with differentiated instruction. The lessons are hands on and engaging for students. Technology and visual effects will be utilized. Participants will learn the types of

materials and activities that are needed when developing a thematic unit, as well as how create a text set that can be utilized in more than one content area.

The Art of Becoming a Teacher Leader

Allyn Hall 270

Katrina Fugate – Middletown City Schools

Overarching Topics: Collaboration, Communication, Leadership

Audience: PreK -12th

Content: Open to all content areas

This presentation will help participants to understand the role of teacher leader in a school setting. Best practices for blending teachers into this leadership role within a school staff. Participants will be introduced to a list of tips with practical application from a former teacher leader. There will also be a Q & A session in which participants can ask questions on best approaches. All participants will leave the training with a deeper understanding of a teacher leader's role and strategies to effectively incorporate the use of teacher leaders into a staff.

3rd Session

(10:45-11:30)



Positive Behavior Programs for Middle School

Allyn Hall 124

Michele Berning and Stephanie Reynolds – Fairborn City Schools

Overarching Topics: Data Driven Decision Making, Instructional Practices, Intervention

Audience: 6th -8th

Content: Open to all content areas

This presentation will introduce participants to use of a PBIS model in a middle school. Tier One programs and supports as well as Tier 2 strategies will be discussed. Programs and tools such as WEB, e-drc will be shared. Sustainability of the program will be reviewed. Participants will leave with examples of real world implementation, interventions, and ways to track data.

Using the Foundation for Teaching Model to Support New Teachers with Alternative Licenses

Allyn Hall 126

Stephanie Davis – Wright State University

Overarching Topics: Engagement, Instructional Practices, Universal Design for Learning

Audience: 7th -12th

Content: Open to all content areas

Ever notice how frustrated new teachers can get—especially if they have an alternative teaching license? Do these teacher candidates appear confused? Unsure of what they're supposed to do? Offended that no one seems to understand their confusion with their new role? This presentation is for mentors, new teachers with alternative licenses, school administrators—anyone interested in discovering where the gaps may be and how to help alternatively-licensed teachers succeed. In an interactive session, participants will explore components of the model, reflect on current practice, and discuss implications for implementing the Foundation for Teaching Model at their school.

Organizing Like A Boss With Interactive Notebooks

Allyn Hall 128

Jovita Wade, Amanda Taylor, and Phoebe Dickman – Fairborn City Schools

Overarching Topics: Content Knowledge, Data Driven Decision Making, Engagement, Instructional Practices

Audience: 6th -12th

Content: Math, Science

Enjoy your summer to the fullest! Build Interactive Notebooks one school year and use it year after year to plan your future classes. Organizing in all subjects can prepare students for a smoother transition from class to class and grade to grade. It will help teachers and students immediately identify missing assignments, completed assignments, available content, and resources/materials.

Missed Opportunity: Spelling Instruction and Multisensory Structured Language

Allyn Hall 210

Monica Clarke, Lori Steiner-Jans, and Krista Carpenter – Codebreakers, LLC

Overarching Topics: Active Learning, Content Knowledge, Instructional Practices

Audience: Pre-K-8th

Content: Language Arts, Students with language difficulties and dyslexia

Current research suggest that spelling cannot be learned using traditional rote-memory tasks. Teaching spelling requires an understanding of the complex nature and development of spelling and its relationship to phonological awareness and reading ability. This presentation will discuss the use of multisensory structured language for spelling instruction. Classroom based learning principles and strategies will be detailed and the impact on students explored. Activities will engage participants in hands-on learning, and additional resources for further development in their classrooms will be provided.

All Means All – Connecting Students with Disabilities to STEM**Allyn Hall 219**

Kathleen Bledsoe – Huber Heights City Schools

*Overarching Topics: Engagement, STEM or STEAM**Audience: Pre-K-12th**Content: STEM*

STEM lessons are valuable for everyone, including a wide range of learners. This presentation will offer practical and inexpensive ways to include students with disabilities in STEM. Participants will have an opportunity to try presented ideas as they engage in a STEM lesson. Additionally, a list of helpful resources will be given to participants.



Energy Leadership & Exploration**Allyn Hall 225**

Monique Heath and Vicki Dunlevy – Ohio Energy Project

*Overarching Topics: Active Learning, Engagement, Instructional Practices & Leadership**Audience: Elementary, Middle and Secondary School Educators**Content: Science*

This session overview will spotlight all of the great programs OEP has to offer. Programs include:

- Grade-Level Professional Development Workshops: Grades 3rd, 4th, 5th, 7th & 9th
- Energy Efficiency Program
- Energy Sources Tour & Blitz
- AEGIS (Activating and Energizing Girls In Science)
- Careers in Energy Program
- Youth Energy Summits & Workshops

Q&A with Elementary Administrators**Allyn Hall 229**

Matt Dillon, Paul Hohlbein, Dan Hake, and Maurice Sadler – Troy City Schools

*Overarching Topics: Communication, Growth Mindset, Leadership**Audience: Pre-K-12th, Community**Content: Open to all content areas, School leadership and administration*

This presentation will be a Q&A format for prospective, aspiring, and new administrators to learn about the successes and challenges of being a building principal. Join a team of elementary principals from Troy City Schools as they offer advice and open the floor to questions. This session is open to anyone who wants to learn more about the role of a building principal or has an interest in school leadership.

Using Educational Escape Rooms in the Classroom**Allyn Hall 240**

Chris Barnes – Escape the Crate Escape Rooms

*Overarching Topics: Active Learning, Communication, Engagement**Audience: 3rd -12th**Content: Open to all content areas*

Learn how to engage your students with escape rooms which connect to the content and help foster the “soft skills” needed for success.

Five Rivers MetroParks Brings Nature Into Your Classroom**Allyn Hall 242**

Mary Beth Hobson and Jeremy Barkley – Five Rivers MetroParks

*Overarching Topics: Active Learning, Communication, School-Community Partnerships**Audience: Pre-K-4th, Community**Content: Environmental Education*

Five Rivers MetroParks uses Live Wild Animal Ambassadors in outreach presentations for pre-schools to 4th grade students as well as for other community audiences of all ages. This program creates advocates as community volunteers receive training and presentation experience delivering our key message on the help animals need from us to maintain their habitats. The presentation today will review our methods that develop empathy and comfort between wildlife and people and include meeting our ambassadors up close. Additionally, attendees will leave with an understanding of how schools can request presentations from Five Rivers MetroParks.

STEAM/STEM in the Classroom**Allyn Hall 261**

Heather Bangerter – Our Lady of Perpetual Help Catholic School

*Overarching Topics: Collaboration, Instructional Practices, STEM or STEAM**Audience: Pre-K-5th*

Content: Art, Language Arts, Math, Science, STEM

STEM education is a hot button topic in today's schools. I would like to share some strategies or ideas on how to incorporate STEAM/STEM into the classroom. I have worked both in a self-contained and departmentalized classroom and use STEM lessons as cross-curricular projects as we are a Problem-based Learning/Project-based Learning school. Participants will leave with some projects they can start using in the classroom the immediately with little additional materials.

Growth Mindset for Early Elementary Students

Allyn Hall 270

Jill Culler, Peggy Collier, Rachel Barker, Brandie Uhlenbrock – Bellbrook-Sugarcreek Schools

Overarching Topics: Growth Mindset

Audience: Pre-K-3rd

Content: Open to all content areas

This presentation will focus on developing a growth mindset with our youngest learners. Participants will be introduced to a variety of lessons, strategies, tools, and picture books to enable younger learners to embrace failing and see it as the stepping stone to their next success. All participants will leave with an understanding of growth mindset and how to begin implementing it in their own classrooms.

Engaging Middle School Students in the Learning Process

Allyn Hall 302

Ben Trick – Bellbrook-Sugarcreek Schools

Overarching Topics: Assessment, Engagement, Instructional Practices

Audience: 6th – 8th

Content: Language Arts, Science, Social Studies

Social Studies, Science and ELA Middle School teachers that are looking for new strategies and techniques to increase student engagement in your lessons will benefit from this presentation. Participants will be exposed to pre-learning, during learning, and post-learning strategies that will engage your students in all phases of the learning process. Strategies such as a book box (and modifications), anticipatory sets, 6 word summaries, cloze reading, visual notes, and paper plates will be covered. Participants will leave with knowledge of these strategies, how to prepare to use these strategies and factors to consider in the planning process.

Thank you again to our Presenting Partners



Thank you to everyone who contributed door prizes

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Half-Priced Books

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Ohio Aggregate and Industrial Mineral Association

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Notes

