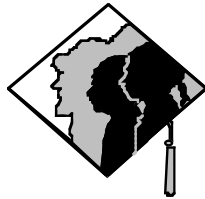


# **2019 Innovations in Learning Conference**

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*Sponsored by  
New Hampshire School  
Administrators Association (NHSAA)*



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**Tuesday & Wednesday**

**October 29 & 30, 2019**

**Grappone Conference Center  
Concord, NH**

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**See inside for daily agenda and  
conference registration form**

## Tuesday, October 29, 2019 Agenda

- 8:00-8:45      *Registration & Coffee – Visit with Exhibitors*
- 8:45-9:00      *Welcome, Review of Program, and Introduction of Exhibitors  
~ Dr. Carl Ladd, Executive Director, NHSAA*
- 9:00-10:15      General Session 1 – Salons A - C  
**Digital Leadership: Changing Paradigm for Changing Times**  
*~Eric Sheninger, Senior Fellow & Thought Leader, International Center for Leadership in Education*  
Change isn't coming, it is already on our doorstep. Educators need to recognize this in order to prepare learners with critical competencies to thrive in a dynamic world. As the world continues to evolve, so must educational practice. Digital leadership represents a strategic shift in mindset and actions that work to usher in needed changes to improve teaching, learning, and leadership while building powerful relationships with stakeholders in the process. Using the Pillars of Digital Leadership, attendees will be exposed to actionable strategies to support and enhance current areas of professional practice through a digital lens.
- 10:15-10:30      *Refreshment Break – Visit with Exhibitors*
- 10:30-11:30      Concurrent Session A – *see page 2*
- 11:45-12:45      Concurrent Session B – *see page 3*
- 12:45-1:45      *Lunch – Salons A - C – Visit with Exhibitors*
- 1:45-3:00      General Session 2 – Salons A - C  
**The Future of Learning with Apple®**  
*~ Dr. Mark Benno, Area Development Manager, Apple, Inc.*  
How do we empower all learners today and prepare them for a rapidly changing world? A driving force behind this change is technology. It affects the way we live, the way the world works, and the kind of skills people need to thrive. Technology also presents unique opportunities for learning. Join Apple as we share four design principles that are driving the future of learning and what we're doing to further them.
- 3:00-3:15      *Raffle & Adjournment*

**Tuesday, October 29, 2019**

**Concurrent Session A: 10:30 – 11:30am**

<i>Capital</i>	<p><b>1. Grit: What it is &amp; Why it's Important</b> During this session, participants receive an overview of the virtue of grit and its components. Optimism, self-control, and growth mindset are all virtues required to be "gritty," young or old, but it's never too late to change! ~ <i>Dr. Amy Lyon, Professor of Education, Colby-Sawyer College</i></p>
<i>Concord</i>	<p><b>2. Energy Education in the Classroom</b> Learn the many ways the NH Energy Education Project can support teachers and students with hands-on energy education. Angie and Aubrey play with a sampling of science equipment that represents NHEEP's many offerings: student workshops, curriculum resources, equipment training, and professional development for teachers. ~ <i>Angie Krysiak, &amp; Aubrey Nelson, Energy Educators, NH Energy Education Project</i></p>
<i>Constitution</i>	<p><b>3. Modernizing STEM Education in NH</b> Melissa covers initiatives and updates of STEM professional learning opportunities, programs and projects in NH, including what's new in computer science. ~ <i>Melissa White, STEM Specialist, NH Department of Education</i></p>
<i>Merrimack</i>	<p><b>4. 5 Ingredients to a Culture of Innovation</b> This interactive session explores the necessary ingredients for a culture of innovation in classrooms and schools, including how to assess what you have, what you need, and how make progress toward innovation. ~ <i>Megan Champion, Associate Partner, Education Elements &amp; Heidi Zollman, CIA Coach, Rochester Schools</i></p>
<i>Pierce</i>	<p><b>5. Augmented Reality to Your Classroom with iPad®</b> Firsthand experience is one of the most powerful ways to learn. With augmented reality, students can experience just about anything they can imagine. Join us to explore augmented reality apps on iPad that help students connect their learning to the world in new ways. ~ <i>Matt Brooks, K-12 Development Executive &amp; Seanna Downing McLaughlin, Account Executive, Apple® Inc.</i></p>
<i>Webster</i>	<p><b>6. ELO Student Success Stories from Around NH</b> Students who have completed or are currently engaged in their ELOs will share their experiences in a panel format. The students' mentor teachers and community/industry partners will also be participating in the panel. ~ <i>ELO Network, Oyster River School District</i></p>

**Tuesday, October 29, 2019**

**Concurrent Session B: 11:45am – 12:45pm**

<i>Capital</i>	<p><b>7. Broadening the STEM Career Pipeline</b> CAST is partnering with youth development organizations, CTE schools, and industry to design career exploration opportunities that leverage approaches to meeting the needs of all learners and innovative uses of technology. Sam will highlight the CEE-STEM and ARMI projects specifically; and how to engage the user at every step of the design process to create interactive, informative, and competency-focused tools. ~<i>Sam Johnston, Director of Postsecondary &amp; Workforce Development, CAST, Inc.</i></p>
<i>Concord</i>	<p><b>8. Social Studies: the New Standards</b> Ashley's presentation explores the process and progress of the revision of NH's Social Studies Standards. ~ <i>Ashley Frame, Education Consultant, NH Department of Education</i></p>
<i>Constitution</i>	<p><b>9. Reignite a Passion for 21<sup>st</sup> Century Learning</b> This session explores a 20-year view on innovative project- based learning. William will share insights from breaking out of teaching in a high school physics silo to embracing a multi-age school to community to regional approach to STEM education. ~<i>William Church, Executive Director, White Mountain Science</i></p>
<i>Merrimack</i>	<p><b>10. UDL: Designing for Learner Variability</b> Neuroscience tells us that every brain is completely unique, that every person is an individual. Yet schools still teach as if all students learn at the same pace and in the same way. Join this interactive session to learn the basics of the neuroscience of learning. Participate in a brief design thinking activity that will give you a taste of how to transform your thinking and enrich your lesson design. You will leave ready to master UDL so that ALL students can become expert learners! ~ <i>Jennifer Levine, Director of Professional Learning, CAST, Inc.</i></p>
<i>Pierce</i>	<p><b>11. Augmented Reality to Your Classroom with iPad®</b> Firsthand experience is one of the most powerful ways to learn. With augmented reality, students can experience just about anything they can imagine. Join us to explore augmented reality apps on iPad that help students connect their learning to the world in new ways. ~ <i>Matt Brooks, K-12 Development Executive &amp; Seanna Downing McLaughlin, Account Executive, Apple® Inc.</i></p>
<i>Webster</i>	<p><b>12. ELO Student Success Stories from Around NH</b> Students who have completed or are currently engaged in their ELOs will share their experiences in a panel format. The students' mentor teachers and community/industry partners will also be participating in the panel. ~<i>ELO Network, Oyster River School District</i></p>

## Wednesday, October 30, 2019

### Agenda

- 8:00-8:45      *Registration & Coffee – Visit with Exhibitors*
- 8:45-9:00      *Welcome, Review of Program, and Introduction of Exhibitors*  
~ *Dr. Carl Ladd, Executive Director, NHSAA*
- 9:00-10:15      General Session 3 – Salons A - C  
**Our Children Are Our Future**  
~*Dr. Bill Daggett, Founder, International Center for Leadership in Education*  
Our children are not just their own futures—they are *our* future. For our children's sake and for the sake of our nation, we have to prepare our students for the future, not the past. Dr. Daggett will provide vivid examples of how advancing technologies and the increased use of data analytics are and will continue to fundamentally change how we work, interact, communicate, and manage our personal health. In doing so, the disconnect between the skills and knowledge we now teach and those needed for success and independence in a looming future will be unambiguously clear.
- 10:15-10:30      *Refreshment Break – Visit with Exhibitors*
- 10:30-11:30      Concurrent Session A – *see page 6*
- 11:45-12:45      Concurrent Session B – *see page 7*
- 12:45-1:45      *Lunch – Salons A - C – Visit with Exhibitors*
- 1:45-3:00      General Session 4 – Salons A - C  
**Career Connections: Leveraging Competency-Based Learning to Prepare Students for Their Future**  
~*Dr. Steve Kossakoski, CEO, Virtual Learning Academy Charter School*  
Over the past two years, VLACS staff has been creating a new learning journey where students can combine their academic studies with work-based and career-themed learning called Career Connections. Career Connections is designed to serve as a career-exploration or preparation option for NH students. Students may earn badges in many areas such as coding, nursing, entrepreneurship, music, culinary arts, marketing, robotics, and more. Our badges can be used as standalone micro-credentials, or they can be stacked as evidence of preparation for industry-based credentials, college, or entry into the workforce.
- 3:00-3:15      *Raffle & Adjournment*

**Wednesday, October 30, 2019**

**Concurrent Session A: 10:30am – 11:30am**

<b>Capital</b>	<b>13. Play-Based Learning: Supporting Hands-On Active Classrooms</b> This session will share evidence about why child-focused hands-on learning is essential to young children’s development and provide teachers a framework to understand how play can be used as a tool to support academic, social, emotional, and physical growth. ~ <i>Kimberly Nesbitt, Ph.D., Assistant Professor, University of New Hampshire</i>
<b>Concord</b>	<b>14. Moving Vision to Action</b> Our school days are filled with more tasks and challenges than there are hours in a day. How can you find the time, energy, and resources to implement the most valuable, innovative practices our nation’s most rapidly improving schools are teaching us? How can you take your vision and break it down into actionable steps? Dr. Daggett will guide you through a series of action steps that will enable you to implement in your classroom, school, and district to better prepare students for success in the world in which they will work, learn, and interact. ~ <i>Dr. Bill Daggett, Founder, International Center for Leadership in Education</i>
<b>Constitution</b>	<b>15. Improving Achievement Through Instructional Rounds</b> Come learn how Hudson School District is using Instructional Rounds to increase their Math achievement scores. ~ <i>Mary Wilson, Assistant Superintendent, Hudson School District &amp; Meredith Harrigan, 4<sup>th</sup> Grade Teacher, Hills Garrison School</i>
<b>Merrimack</b>	<b>16. Using Alma to Enact Our Vision of Competency- Based Education</b> Chris & Chris walk you through each step in their journey towards competency-based education. Learn about their planning process, how they got the community to support their vision, the tools that made it possible, and the impact it's having in their schools. ~ <i>Dan Morris, Director of CIA, Pembroke Academy &amp; Chris Motika, Director of CIA, SAU 53</i>
<b>Pierce</b>	<b>17. The Klutzy Path Toward Trauma Sensitivity</b> This session provides an overview of the process by which one school has begun to move toward becoming trauma sensitive. Through a panel discussion, participants will learn of our steps and missteps, examine how we evaluated aspects of our particular school that support (and interfere with) resilience, and gain specific strategies to get started in building a resilience-informed learning community for all students. ~ <i>Talley Westerberg, School Social Worker, &amp; Christa D'Amico, School Psychologist, Winnacunnet High School</i>
<b>Webster</b>	<b>18. Teaching Algebra Using Robots: Making Math Relevant</b> Dr. Bastoni, along with a panel of students and teammates, share the steps taken to develop ‘Robot Algebra 1’ including struggles, successes and will share resources for others to develop similar programs. Come learn how to rethink how we engaged students in math! ~ <i>Dr. Amanda Bastoni, Director, &amp; Dan Legro, Math Teacher Nashua Technology Center North, Christopher Knoetig, Head Teacher Tech Ed, Nashua Technology Center, &amp; Jason McKenna, Educational Coordinator, Robomatter VEX Robotics</i>

**Wednesday, October 30, 2019**

**Concurrent Session B: 11:45am – 12:45pm**

<b>Capital</b>	<b>19. Social Studies: the New Standards</b> Ashley's presentation explores the process and progress of the revision of NH's Social Studies Standards. ~ Ashley Frame, Education Consultant, NH Department of Education
<b>Concord</b>	<b>20. Developing Bank Partnerships to Fund Digital Equity &amp; Educational Equity Resources for Your Students</b> Explore how to tap your bank's Community Reinvestment Act and philanthropic giving funds to support your efforts both to eliminate the "homework gap" (digital divide at home) being faced by your students and to strengthen pathways for students into living wage careers. ~ Robert McLaughlin, Ph.D., Executive Director of National Collaborative for Digital Equity
<b>Constitution</b>	<b>21. Improving Achievement Through Instructional Rounds</b> Come learn how Hudson School District is using Instructional Rounds to increase their Math achievement scores. ~ Mary Wilson, Assistant Superintendent, Hudson School District & Meredith Harrigan, 4 <sup>th</sup> Grade Teacher, Hills Garrison School
<b>Merrimack</b>	<b>22. In the Middle: Competency-Based Education At The Middle School Level</b> The shift to standards and competency-based education is happening in schools all over NH. Take a deep dive into the nuts and bolts of standards and competency-based practices, assessments and reporting at the middle school level. We will examine the shift from a traditional grading system to a standards/competency-based system as well as explore the tools necessary to support CBE. ~ Ian West, 6 <sup>th</sup> grade Science Teacher, Three Rivers School, Pembroke & Theresa Schneiderheinze, Regional Sales Director, Alma
<b>Pierce</b>	<b>23. The Klutzy Path Toward Trauma Sensitivity</b> This session provides an overview of the process by which one school has begun to move toward becoming trauma sensitive. Through a panel discussion, participants will learn of our steps and missteps, examine how we evaluated aspects of our particular school that support (and interfere with) resilience, and gain specific strategies to get started in building a resilience-informed learning community for all students. ~ Talley Westerberg, School Social Worker, & Christa D'Amico, School Psychologist, Winnacunnet High School
<b>Webster</b>	<b>24. The Future is Here: VR in Schools</b> Visit the tomb of Queen Nefartari, go inside the human body, experience calculus, be a car mechanic, there has been a lot of talk about the future of Virtual Reality (VR) in education. Come and experience VR and talk with the folks from the Merrimack Valley School District to see what they have been doing with VR. ~ Dr. Randy Wormald, Assistant Superintendent, SAU #46, DeAna Irving, STEM Instructional Innovator, Corey Hayes, Humanities Instructional Innovator & Kaitlin Camidge, Library Media Specialist, Merrimack Valley High School

# 2019 Innovations in Learning Conference

## Featured Keynote Session Speakers

**Dr. Mark Benno**

**Dr. Bill Daggett**

**Dr. Steve Kossakoski**

**Eric Sheninger**

## Featured Concurrent Session Speakers

Dr. Amanda Bastoni

Matt Brooks

Kaitlin Camidge

Megan Campion

William Church

Megan Compton

Christa D'Amico

Seanna Downing McLaughlin

ELO Network

Ashley Frame

Meredith Harrigan

Corey Hayes

DeAna Irving

Sam Johnston

Christopher Knoetig

Angie Krysiak

Dan Legro

Jennifer Levine

Dr. Amy Lyon

Jason McKenna

Dr. Robert McLaughlin

Dan Morris

Chris Motika

Aubrey Nelson

Kimberly Nesbitt, Ph.D

Theresa Schneiderheinze

Ian West

Talley Westerberg

Melissa White

Mary Wilson

Dr. Randy Wormald

Heidi Zollman



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# 2019 Innovations in Learning Conference

Sponsored by  
New Hampshire School Administrators Association

**Tuesday & Wednesday, October 29 & 30, 2019**  
**Grappone Conference Center**  
**Concord, NH**

## Conference Registration



**Please Note:**

- Please use one registration form for each person attending (copy form as needed).
- Registration fees include lunch and access to all sessions.
- **Registration fees are non-refundable and subject to regular billing unless written cancellation is received at least 7 days prior to the event.**
- Season Tickets will be applied at time of billing. All other registrations must be accompanied by a check payable to NHSAA or a purchase order from your district. Electronic payment is available with online registration.
- Register by fax at 603-225-3225 or online at [www.nhsaa.org](http://www.nhsaa.org)
- Scan this QR code with your smart phone to go directly to [www.nhsaa.org](http://www.nhsaa.org)

I will attend: \_\_\_\_\_ Tuesday \_\_\_\_\_ Wednesday

Cost: \$165.00 per person/per day or \$310.00 per person/two days

\_\_\_\_\_ Check enclosed (payable to NHSAA)

\_\_\_\_\_ I will use the NHSAA Season Ticket

\_\_\_\_\_ Please bill my school district/SAU

Name: \_\_\_\_\_

District/SAU#: \_\_\_\_\_

Position: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

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NHSAA

46 Donovan Street, Suite 3  
Concord, NH 03301

Phone: 603-225-3230 ~ Fax: 603-225-3225

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