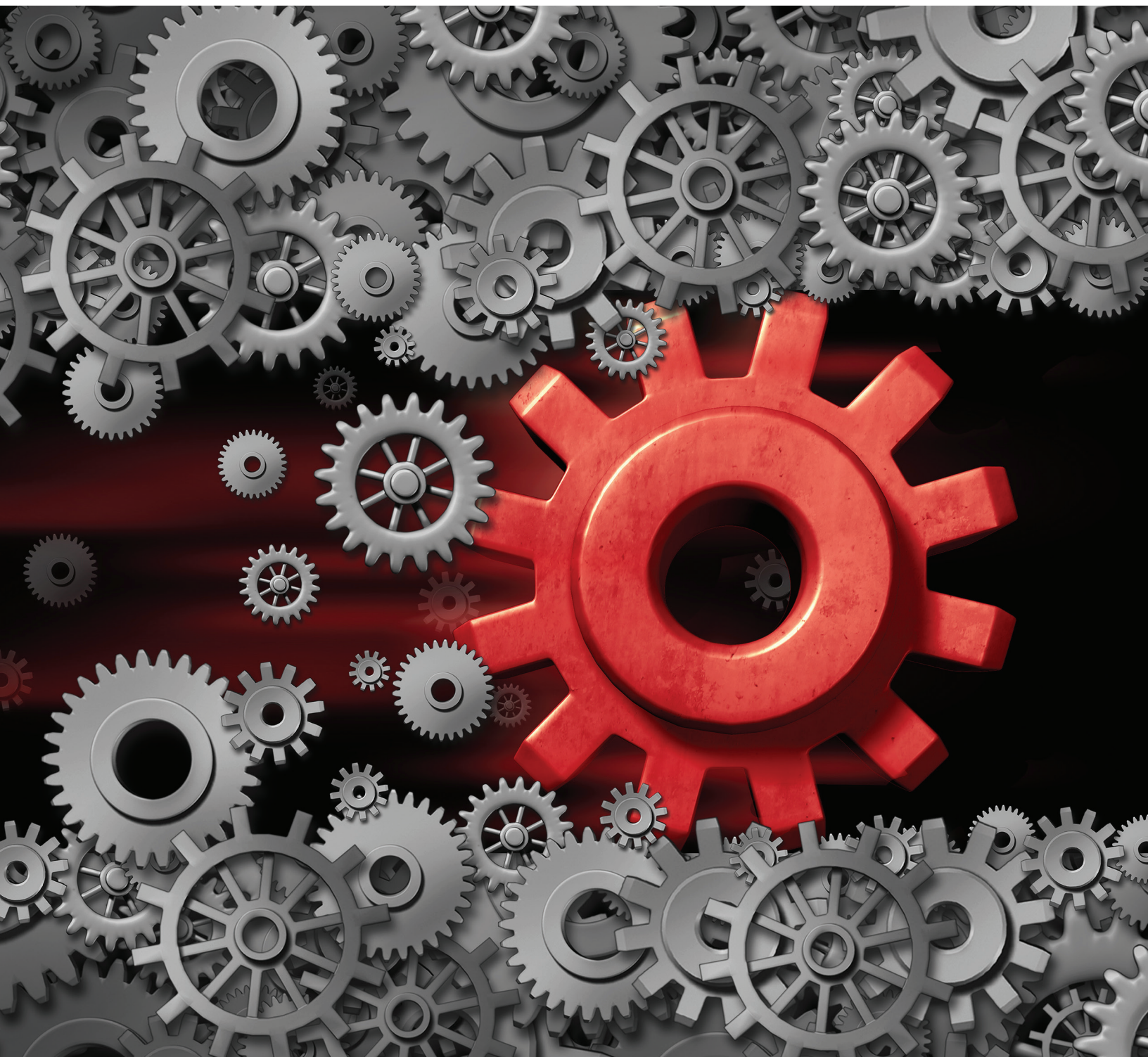




# 2017 OESIS Boston

Oct. 15 and 16, 2017



**The Leading Network for Innovation at Independent Schools**



HARVARD



GRADUATE SCHOOL  
OF EDUCATION

---

Professional  
Education

---

## 2017 OESIS Boston Innovative Education Partners Expo



VERACROSS

SCHOOL INFORMATION SYSTEMS



ViewSonic®





**Sanje Ratnavale**  
President  
OESIS Group

Oct. 15, 2017

Dear OESIS Boston Attendees:

This is your network and I would like to give you a sense of where we are going. But first let's answer a question we get often. What is a network anyway? Let's start with what it is not. It's not a hub and spoke model because it values collaboration between all the parts not just with the center. In many ways, it values the periphery as much if not more than the center. Community and collaboration structures in the 21st century increasingly recognize and empower the periphery. They break through change resistance clotting at the center by building a new consensus and movement across the whole.

OESIS-XP models that approach. I will talk more about this in my Keynote. What is most gratifying about the launch of XP is that we have many, many schools, which have never been able to afford to participate deeply, now joining the network for the first time. And we have begun to change the broken conference model, as we try and move towards an "almost free" conference attendance paradigm. From the philosophical to the practical, it means to OESIS that we will be launching more endeavors like XP, where schools and faculty all around the country are empowered in new dynamic ecosystems.

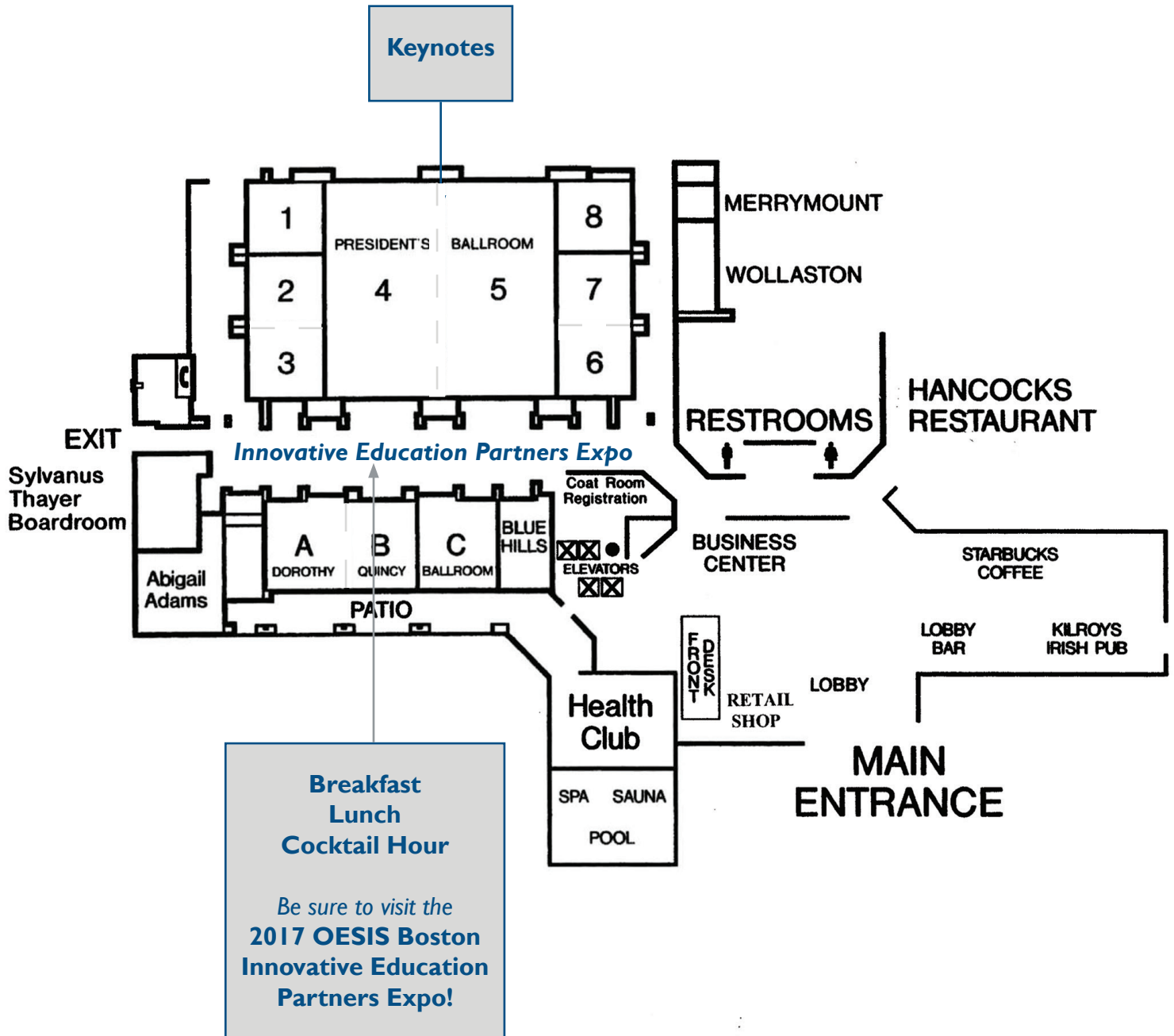
Like what? Our focus is now set on two areas: accreditation and curriculum development. We tried and failed two years ago to galvanize transformation in the accreditation world, particularly for faculty credentialing but also school innovation recognition. So, we decided to build out our network and try again later. Our vision again centers around a network-driven model for both faculty and school characteristic recognition — one that bubbles up a system of innovation indicators like in LEED certification, while using independent validation across the network alongside self-assessment. Stay tuned and if you are vested in this area, please reach out to hear more.

The second area of focus is new curriculum development and programmatic renewal. We have to find ways for this time-consuming and costly burden now falling on our faculty to be eased, recouped, monetized and shared. The college world has in place many policies so professors can write and share textbooks; the public school world does too. We need one for the independent school world as some of the best faculty in the world enabled by our independence drives this in the years ahead.

Welcome to OESIS Boston. We hope you leave inspired and challenged.

Kind Regards,  
**Sanje Ratnavale**  
President  
OESIS Group

**Boston Marriott Quincy**  
1000 Marriot Dr, Quincy, MA





# Online Solutions for your students.



Laurel Springs is a private, nationally accredited online school serving students in kindergarten through grade 12. We cultivate relationships with schools who seek a high-quality, flexible, and convenient way to enhance the educational needs of their students through supplemental courses.

Advanced Placement  
World Languages  
Electives

Fully Accredited,  
25-year Industry Leader

No Minimum  
Enrollment Required



UC a-g  
APPROVED  
COURSES

NCAA  
APPROVED  
COURSES

Call to speak with one of our knowledgeable Partnership Development Coordinators.

[LaurelSprings.com/school-partnerships](http://LaurelSprings.com/school-partnerships)

(877) 775-0372

Sunday, October 15, 2017		Room
8.00 a.m. – 9.30 a.m.	<b>Registration</b>	Foyer
8.00 a.m. – 9.15 a.m.	<b>Breakfast &amp; Innovative Education Partners Expo</b>	Foyer
8.00 a.m. – 8.45 a.m.	<b>OESIS Network Leaders Breakfast</b>	Sylvanus BR
9.00 a.m. – 10.00 a.m.	<b>Ignite Keynotes</b>	Ballroom
	 <b>Mini-Courses — Maximum Impact</b> <b>Sean Riley</b> , <i>Academic Dean</i> , Stony Brook School (NY)	
	 <b>Blending Leadership</b> <b>Stephen Valentine</b> , <i>Director of Academic Leadership</i> , Montclair-Kimberley Academy (NJ)	
	 <b>What's Next? Generational Learning</b> <b>Ray Ravaglia</b> , <i>Chief Learning Officer</i> , Opportunity Education.org	
	 <b>Research Opportunities in Nanotech, Aeronautics and Climate Change</b> <b>Maria Wu</b> , <i>Vice Principal</i> , International Department of Beijing No. 35 High School (China)	
10.15 a.m. – 11.05 a.m.	<b>Keynote:</b> <i>The Coming Mastery-Based Revolution</i>  <b>Scott Looney</b> <i>Head of School</i> Hawken School (OH)	Ballroom
11.15 a.m. – 11.50 a.m.	<b>Classes of the Future Rotation 1</b>	Salons
11.55 a.m. – 12.25 p.m.	<b>Classes of the Future Rotation 2</b>	Salons
12.30 p.m. – 1.30 p.m.	<b>Lunch &amp; Innovative Education Partners Expo</b>	Foyer
1.30 p.m. – 2.20 p.m.	<b>Think Tanks A</b>	Salons
2.30 p.m. – 3.15 p.m.	<b>Head of School Hardball: Outside the Spin Zone</b> (Plenary) <ul style="list-style-type: none"> <li>• <b>John Strudwick</b>, <i>Head of School</i>, Lake Forest Academy (IL)</li> <li>• <b>Melinda Skrade</b>, <i>President &amp; Head of School</i>, Pius XI Catholic High School (WI)</li> <li>• <b>Mike Cobb</b>, <i>Head of School</i>, All Saints Episcopal School (TX)</li> <li>• <b>Renee DuChaine-Farkes</b>, <i>Head of School</i>, Kingsley Montessori School (MA)</li> </ul>	Ballroom
3.15 p.m. – 3.30 p.m.	<b>Tea Break</b>	
3.30 p.m. – 4.00 p.m.	<b>Classes of the Future Rotation 3</b>	Salons
4.10 p.m. – 4.40 p.m.	<b>Classes of the Future Rotation 4</b>	Salons
4.55 p.m. – 5.50 p.m.	<b>Think Tanks B</b>	Salons
6.00 p.m. – 7.00 p.m.	<b>Cocktail Reception</b>	Foyer

# Monday Schedule at a Glance

Monday, October 16, 2017		Room
6.45 a.m. – 8.00 a.m.	<b>Breakfast &amp; Innovative Education Partners Expo</b>	Foyer
8.00 a.m. – 9.00 a.m.    	<b>Ignite Keynotes</b>	Ballroom
	<b><i>Organizational Leadership &amp; Dispositions</i></b> <b>Richard Branson</b> , <i>Head of School</i> , Indian Creek School (MD)	
	<b><i>Entrepreneurship-Embedded Schools</i></b> <b>Doris Korda</b> , <i>Executive Director of Wildfire Education and Director of Entrepreneurial Studies</i> , Hawken School (OH)	
	<b><i>Using Standards for Self-Pacing</i></b> <b>Yasmin Saban</b> , <i>Math Department Chair</i> , St. Andrew's Schools, The Priory (HI)	
	<b><i>Let's Start your Microschool!</i></b> <b>Michelle Simpson-Siegel</b> , <i>Executive Director</i> , Oak Meadow (VT)	
9.15 a.m. – 9.45 a.m.	<b>Classes of the Future Rotation 5</b>	Salons
9.55 a.m. – 10.25 a.m.	<b>Classes of the Future Rotation 6</b>	Salons
10.45 a.m. – 11.30 a.m.	<b>Keynote Plenary:</b> <b><i>The 21st Century Experience Economy &amp; its Outgrowths</i></b>  <b>Sanje Ratnavale</b> <i>President</i> OESIS Group (CA)	Ballroom
11.40 a.m. – 12.30 p.m.	<b>Think Tanks C</b>	Salons
12.30 p.m. – 1.30 p.m.	<b>Lunch &amp; Innovative Education Partners Expo</b>	Foyer & Ballroom
1.30 p.m. – 2.00 p.m.	<b>Classes of the Future Rotation 7</b>	Salons
2.10 p.m. – 2.40 p.m.	<b>Classes of the Future Rotation 8</b>	Salons
2.50 p.m. – 3.45 p.m.	<b>Think Tanks D</b>	Salons
3.45 p.m. – 4.00 p.m.	<b>Tea and Close</b>	Foyer



Class	Class Topic	Innovative Attributes	School	Level	Salon
5.2 6.2	Abnormal Clinical Psychology	Online, PBL, Design Thinking, Inter-Disciplinary, Global, New Diversity Programs	Greenhill School (TX)	Middle and High School	2
7.1 8.1	Applied Science & Sustainable Systems	STEAM, STEM, PBL	Buckley School (CA)	High School	1
7.2 8.2	Blended Algebra	Blended, PBL, Design Thinking, Inter-Disciplinary, Mastery	Holton-Arms School (MD)	Middle and High School	2
5.3 6.3	Blended Learning for Pre-K through 5th Grade Students	Blended, Online, Design Thinking, Constructivist, Inter-Disciplinary	Indian Creek School (MD)	Elementary School	3
7.3 8.3	Community is the Curriculum in English	Tech Tool Intensive, Constructivist, Blended	Oakridge School (TX)	Middle and High School	3
3.1 4.1	Community-Supported Learning	Blended, PBL, Constructivist, Inter-Disciplinary, Novel Scheduling	Oak Meadow (VT)	All Levels	6
7.4 8.4	Computational Thinking & PBL in 7th Grade	Maker-Based, STEAM	Holton-Arms School (MD)	Middle School	4
5.4 6.4	Cross-Curricular Competencies across the Traditional Spectrum	PBL, Design Thinking, Inter-Disciplinary, Tech Tools, Global	Princeton Day School (NJ)	Middle and High School	4
5.5 6.5	Discovering Poetry Through Maker-Space Projects	Maker, Inter-Disciplinary	Oakridge School (TX) & GOA	Middle & Elementary School	5
5.6 6.6	Empathy Enabled 3D Printing	Online, PBL, Design Thinking, Maker, STEAM, 3-D	Brookwood, Manchester-By-The-Sea (MA)	All Levels	6
5.7 6.7	Evolving the Blending of Languages — Five Years On	Blended, Online, Mastery, Tech Tools, Novel Scheduling, Global, 21st Century Space	St. Luke's School (CT)	Middle and High School	7
7.5 8.5	Faculty Training in a Future-Based Class Environment	Blended, Inter-Disciplinary, Mastery, Novel Scheduling, 21st Century Space, PD	Severn School (MD)	All Levels	5
1.1 2.1	Flavoring Computer Science for Art, Music, Math & Science	PBL, Maker, Inter-Disciplinary, STEAM, Novel Scheduling	Winchester Thurston School (PA)	Middle and High School	1
1.2 2.2	From Integrated Media to Integrated Marketing: A Class Transformed	PBL, Design, Entrepreneurial, Maker, Inter-Disciplinary	Oakridge School (TX)	High School	2
1.3 2.3	Global Competency Matrix across Middle School	PBL, Design Thinking, Inter-Disciplinary, Formative Assessments, Global	Princeton Day School (NJ)	All Levels	3

Class	Class Topic	Innovative Attributes	School	Level	Salon
7.6 8.6	How Picasso Would Paint Curricula: STEM for Interdisciplinary	PBL, Design Thinking, Maker, Inter-Disciplinary, STEAM	The Winsor School (MA)	High School	6
3.2 4.2	Humanities & Maker Spaces	PBL, Tech Tools, Maker, Inter-Disciplinary	St. Luke's School (CT)	Middle and High School	1
1.4 2.4	Humanities Without the Narrative	Blended, Online, Inter-Disciplinary, Mastery, New Media	La Jolla Country Day School (CA)	Middle and High School	4
1.5 2.5	Incorporating Coding in All Classes	Maker-Based, STEAM, Coding	Episcopal Academy (PA)	Middle and High School	5
3.3 4.3	Inter-Disciplinary Mixed Grade Collaboration	Inter-Disciplinary, PBL, Design Thinking, Constructivist	Beaver Country Day School (MA)	Middle and High School	7
3.4 4.4	Mastery-Based Integrated Math & Science	Mastery-Based, Novel Scheduling	Northfield Mount Hermon School (MA)	High School	2
1.6 2.6	Mathematics Electives as Test Beds for Innovative Practice	Blended, PBL, Constructivist, Formative Assessments, Tech Tools	Flint Hill School (VA)	High School	6
1.7 2.7	Middle School Computer Science	PRBL, Maker, Tech Tools	Winchester Thurston School (PA)	Middle School	7
5.8 6.8	Middle School Computer Science	PRBL, Maker, Tech Tools	Winchester Thurston School (PA)	Middle School	8
7.7 8.7	Online Collaboration in Music	Online, Design Thinking	Germantown Friends School (PA) and GOA	High School	7
3.5 4.5	Passion-Based Learning Through Social Media	Blended, Entrepreneurial, Inter-Disciplinary, Mastery, Formative Assessments, Novel Scheduling, Game-Based	Flint Hill School (VA)	High School	3
3.6 4.6	Public Design Challenges	Blended, PBL, Design Thinking, Entrepreneurial, Inter-Disciplinary, STEAM, Global	The Derryfield School (NH)	Middle and High School	4
5.1 6.1	Self-Paced Mathematics	Blended, Design Thinking, Mastery	St. Andrew's Schools, The Priory (HI)	Middle and High School	1
1.8 2.8	Student-Directed Political Science	Blended, PBL, Constructivist	Choate Rosemary Hall (CT)	Middle and High School	8
3.7 4.7	The New STEAM Project	PBL, Design, Entrepreneurial, Maker, Inter-Disciplinary, 21st Century Space	Winchester Thurston School (PA)	Middle and High School	5



We fire-start each day with educators, who are blazing a trail, doing a 12-minute OESIS Ignite Keynote.

Sunday, Oct. 15, 2017, 9.00 a.m. – 10.00 a.m.



### **Mini-Courses — Maximum Impact**

**Sean Riley**

Academic Dean  
Stony Brook School (NY)



### **What's Next? Generational Learning**

**Ray Ravaglia**

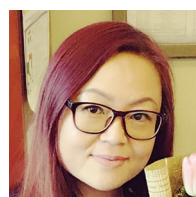
Chief Learning Officer  
Opportunity Education.org



### **Blending Leadership**

**Stephen Valentine**

Director of Academic Leadership  
Montclair-Kimberley Academy (NJ)



### **Research Opportunities in Nanotech, Aeronautics and Climate Change**

**Maria Wu**, Vice Principal,  
International Department of Beijing  
No. 35 High School (China)

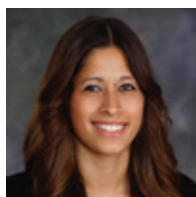
Monday, Oct. 16, 2017, 8.00 a.m. – 9.00 a.m.



### **Organizational Leadership & Dispositions**

**Richard Branson**

Head of School  
Indian Creek School (MD)



### **Using Standards for Self-Pacing**

**Yasmin Saban**

Math Department Chair  
St. Andrew's Schools  
The Priory (HI)



### **Entrepreneurship-Embedded Schools**

**Doris Korda**

Executive Director of Wildfire Education  
and Director of Entrepreneurial Studies  
Hawken School (OH)



### **Let's Start your Microschool!**

**Michelle Simpson-Siegel**

Executive Director  
Oak Meadow (VT)



1. **Jill Abbott**, *Executive Director, Eight Schools Association Online (DC)*
2. **Kader Adjout**, *Director of Upper School, Beaver Country Day School (MA)*
3. **Sarah Allen**, *1st Grade Teacher, Indian Creek School (MD)*
4. **Amy Alsip**, *English Teacher, Oakridge School (TX) & GOA*
5. **Kwaku Aning**, *Director of Learning Innovation and Instructional Design, Lausanne Collegiate School (TN)*
6. **Joel Backon**, *Director of Academic Technology & History, and Political Science Teacher, Choate Rosemary Hall (CT)*
7. **Matthew Bavone**, *U.S. Classics/Academic Technologist, St. Luke's School (CT)*
8. **Amy Beckford**, *Humanities Department Chair, Princeton Day School (MD)*
9. **Brad Belin**, *History Department Chair & PBL Coach, Fessenden School (MA)*
10. **Abbi Bielski**, *History Teacher, St. Luke's School (CT)*
11. **Richard Branson**, *Head of School, Indian Creek School (MD)*
12. **Kelly Bryant**, *Pre-K Teacher, Indian Creek School (MD)*
13. **Mary Carrington**, *Director of Library Services, Severn School (MD)*
14. **Lise Charlier**, *Director of Studies and Strategic Initiatives, Severn School (MD)*
15. **Mike Cobb**, *Head of School, All Saints Episcopal School (TX)*
16. **Jared Colley**, *English Department Chair, Oakridge School (TX)*
17. **Jason Cummings**, *Faculty Experience Coordinator and Instructional Designer, GOA (WA)*
18. **Susan Davis**, *Director of PD, ATLAS*
19. **Jalaj Desai**, *Head of Upper School, Saddle River Day School (NJ)*
20. **Mary Dobroth**, *Director of Academic Technology, Holton-Arms School (MD)*
21. **Renee DuChainey-Farkes**, *Head of School, Kingsley Montessori School (MA)*
22. **Nichole Foster-Hinds**, *Middle School Director, Holton-Arms School (MD)*
23. **Scott Gill**, *Director of Student Services and Chair of the Health and Wellness Department, Rutgers Prep School (NJ)*
24. **David Gleason**, *Psychologist, Concord Academy (MA)*
25. **Claire Goldsmith**, *Executive Director, MSON*
26. **Aidyl Gonzalez-Serricchio**, *Co-Chair Science Dept. 6–12, STEAM Director K–12, and Science Teacher, Buckley School (CA)*
27. **Nate Green**, *Tech. Integration & Information Specialist, Flint Hill School (VA)*
28. **Emily Hamlin**, *Instructional Designer, GOA (WA)*
29. **Lori Hébert**, *Consultant Director, The Bay Area BlendEd Consortium (CA)*
30. **Tony Ospezin Harris**, *Innovator in Residence*
31. **David Ingenthron**, *Visual Arts Faculty and Department Chair, Beaver Country Day School (MA)*
32. **Jason Kern**, *Chief Learning & Innovation Officer, All Saints Episcopal School (TX)*
33. **Doris Korda**, *Executive Director of Wildfire Education and Director of Entrepreneurial Studies, Hawken School (OH)*
34. **Lauren Ledley**, *Upper School History Teacher and Academic Tech Coordinator, Princeton Day School (NJ)*
35. **Rich Lehrer**, *Innovation Coordinator, Brookwood School, Manchester-By-The-Sea (MA)*
36. **Scott Looney**, *Head of School, Hawken School (OH)*
37. **Graig Marx**, *Science Department Chair, STEM and Research Coordinator, Winchester Thurston School (PA)*
38. **Marco Masoni**, *Dean of Innovation, The Derryfield School (NH)*
39. **Heather Masterpol**, *Dean of Faculty, Science Faculty, Rutgers Prep School (NJ)*
40. **Julia Maxey**, *Upper School Technology Coordinator, Severn School (MD)*
41. **Megan McManus**, *5th Grade Teacher, Indian Creek School (MD)*
42. **Matthew Memmo**, *Computer Science Teacher, Episcopal Academy (PA)*
43. **Kevin Merges**, *Executive Director Global Education, Rutgers Prep School (NJ)*
44. **Glenn Milewski**, *Chief Program Officer, ERB (NY)*
45. **Victoria Montgomery**, *Math Teacher, Peddie School (NJ)*
46. **JJ Morrissey**, *Head of Middle School, Poughkeepsie Day School (NY)*
47. **David Nassar**, *Computer Science Department Chair, Winchester Thurston School (PA)*
48. **Mark Nastus**, *Director of Technical Services, Rutgers Prep School (NJ)*
49. **Professor Heidi Neck**, *Babson College (MA)*
50. **Matt Nink**, *Executive Director, Lake Forest Academy Student Center for Global Leadership (IL) and Global Youth Leadership Institute (WI)*
51. **David Piemme**, *Teacher and Ed Tech Coordinator, Winchester Thurston School (PA)*
52. **Christopher Player**, *STEM Integrator & Innovation Lab Manager, The Winsor School (MA)*
53. **Brent Powell**, *Dean of Academic Program, MSON /The Derryfield School (NH)*
54. **Tara Quigley**, *Teacher and Director of the Interdisciplinary Studies Fellowship Program, Princeton Day School (NJ)*
55. **Sanje Ratnavale**, *President, OESIS Group (CA)*
56. **Ray Ravaglia**, *Chief Learning Officer, Opportunity Education. org*
57. **David Reeder**, *Integrative Math and Science Coordinator, Northfield Mount Hermon School (MA)*
58. **Harrell Rentz**, *Mathematics Teacher, Flint Hill School (VA)*
59. **Sean Riley**, *Academic Dean, Stony Brook School (NY)*
60. **Yasmin Saban**, *Math Department Chair, St. Andrew's Schools, The Priory (HI)*
61. **Deborah Shaul**, *Humanities Teacher, Upper School, La Jolla Country Day School (CA)*
62. **Jon Shee**, *World Languages Dept. Chair, St. Luke's School (CT)*
63. **Maria Shepard**, *Upper School History Teacher and Global Studies Coordinator, Princeton Day School (NJ)*
64. **Jane Sidey**, *Director of Teaching & Learning, Park Tudor School (IN)*
65. **Michelle Simpson-Siegel**, *Executive Director, Oak Meadow (VT)*
66. **Priya Singhvi**, *Upper School Counselor, Greenhill School (TX) and Abnormal Psychology Instructor, GOA*
67. **Melinda Skrade**, *President & Head of School, Pius XI Catholic High School (WI)*
68. **John Strudwick**, *Head of School, Lake Forest Academy (IL)*
69. **Jeff Torchon**, *Music Teacher, Germantown Friends School (PA) and GOA*
70. **Melissa Triebwasser**, *Integrated Media Coordinator, Oakridge School (TX)*
71. **Stephen Valentine**, *Director of Academic Leadership, Montclair Kimberley Academy (NJ)*
72. **Devin Vodicka**, *Chief Impact Officer, AtlSchool (CA)*
73. **Carolyn Wilson**, *Director of Advancement, AltSchool (CA and NY)*
74. **Kelly Lyn Wilson**, *Director, Innovative & Entrepreneurial Programs, Severn School (MD)*
75. **Maria Wu**, *Vice Principal, International Department of Beijing No. 35 High School (China)*
76. **Carole Zboray**, *Science Department Chair, Rutgers Prep School (NJ)*



Rotation 1 is 11.15 a.m. – 11.50 a.m.

Rotation 2 is 11.55 a.m. – 12.25 p.m.

Classes of the Future Rotations by Class Topic	Grade Levels and Innovation Attributes	Salon
<b>1.1 Flavoring Computer Science for Art, Music, 2.1 Math and Science</b> <b>David Nassar</b> , <i>Computer Science Department Chair</i> Winchester Thurston School (PA)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> PBL, Maker, Inter-Disciplinary, STEAM, Novel Scheduling	1
<b>1.2 From Integrated Media to Integrated 2.2 Marketing: A Class Transformed</b> <b>Melissa Triebwasser</b> , <i>Integrated Media Coordinator</i> Oakridge School (TX)	High School <b>INNOVATION ATTRIBUTES:</b> PBL, Design, Entrepreneurial, Maker, Inter-Disciplinary	2
<b>1.3 Global Competency Matrix across Middle 2.3 School</b> <b>Amy Beckford</b> , <i>Humanities Department Chair</i> <b>Tara Quigley</b> , <i>Director of the Interdisciplinary Studies Fellowship Program</i> Princeton Day School (NJ)	All Levels <b>INNOVATION ATTRIBUTES:</b> PBL, Design Thinking, Inter-Disciplinary, Formative Assessments, Global	3
<b>1.4 Humanities Without the Narrative 2.4 Deborah Shaul</b> , <i>Humanities Teacher</i> , Upper School La Jolla Country Day School (CA)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> Blended, Online, Inter-Disciplinary, Mastery, New Media	4
<b>1.5 Incorporating Coding in All Classes 2.5 Matthew Memmo</b> , <i>Computer Science Teacher</i> Episcopal Academy (PA)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> Maker-Based, STEAM, Coding	5
<b>1.6 Mathematics Electives as Test Beds for 2.6 Innovative Practice</b> <b>Harrell Rentz</b> , <i>Mathematics Teacher</i> Flint Hill School (VA)	High School <b>INNOVATION ATTRIBUTES:</b> Blended, PBL, Constructivist, Formative Assessments, Tech Tools	6
<b>1.7 Middle School Computer Science 2.7 David Piemme</b> , <i>Teacher and EdTech Coordinator</i> Winchester Thurston School (PA)	Middle School <b>INNOVATION ATTRIBUTES:</b> PRBL, Maker, Tech Tools	7
<b>1.8 Student-Directed Political Science 2.8 Joel Backon</b> , <i>Director of Academic Technology &amp; History, and Political Science Teacher</i> Choate Rosemary Hall (CT)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> Blended, PBL, Constructivist	8



## Global Youth Leadership Institute

Discover sequential experiential leadership programs on school campuses or in our summer sequence of programs. Students discover self, others and the earth. GYLI's curriculum, activities, simulations and projects help students and teachers become more engaged in the world and in their own communities. Learn more at

[www.gyli.org](http://www.gyli.org)

## The Coming Mastery-Based Revolution

Ballroom



**Scott Looney**  
Head of School  
Hawken School (OH)

Scott Looney, who joined Hawken School as its 10th HOS in 2006, has enlivened the campus and inspired the community by launching the school's Readiness Initiative and developing Hawken's urban extension campus in University Circle, which places students at the epicenter of one of the nation's most educationally and culturally rich areas. Scott represents an influential voice in the national independent school arena. He serves as a trustee and executive committee member of the National Association of Independent Schools (NAIS). Prior to coming to Cleveland, Scott served as Asst. Director of Schools at Cranbrook Schools in Bloomfield Hills, MI, a K–12 coeducational day and boarding school. Before Cranbrook, Looney was Director of Admissions at Lake Forest Academy in Lake Forest, IL, and Assistant Dean of Admissions at Phillips Academy in Andover, MA.

# THE EXPERIMENT

## CUSTOM GROUP PROGRAMS

For 85 years, The Experiment has been the most experienced and respected provider of international education and experiential learning for high school students.

The Experiment can tailor a custom study abroad program for any organization or school group. We work closely with educators to take care of all the details from the program design stage to the bus ride home.

A custom group program is an opportunity to design activities and adventures for students to engage meaningfully with another culture and stretch themselves in ways they never imagined. Curriculum, country, term, and duration options can be designed to fit your needs and academic goals.



[experiment.org](http://experiment.org)



1.800.345.2929



[experiment@worldlearning.org](mailto:experiment@worldlearning.org)



**The  
EXPERIMENT**  
in International Living  
A PROGRAM OF WORLD LEARNING



# Fixed-Price Faculty & Trustee PD

**Scott Looney**, Head of School,  
Hawken School (OH):

*“Independent schools have been longing for ‘an all-you-can-eat solution’ for professional development serving Faculty and Trustees with exposure to innovation and networking. By aggregating educators, who will be the authors of the next chapter for education, we now have in OESIS a network that can deliver this. Really impressed by the careful and creative way OESIS has built its mandate.”*

**Patricia C. Russell**,  
Dean of Studies,  
Phillips Academy,  
Andover (MA):

*“Knowing how much my colleagues and I have learned while attending OESIS conferences, I am thrilled that OESIS-XP will soon dramatically expand access to this strong network of educators and ideas.”*

**Emily McCarren**, Academy  
Principal (9-12), Punahou School  
(HI):

*“The OESIS-XP concept has the potential to have a huge impact on nurturing conversations around innovation across schools. Being in Honolulu, we are eager to continue to explore models that connect our teachers across distances with great thinkers from other schools for job-embedded just-in-time learning.”*

**Joel Backon**, Director of  
Academic Technology, Choate  
Rosemary Hall (CT):

*“OESIS-XP represents the best thinking in the sphere of professional*

*your school wishes to effect and manage change, OESIS-XP is a powerful tool that will bring disruptive innovation affordably and conveniently to your wider school community.”*

**Jon Shee**,  
World Languages  
Department Chair,  
St. Luke's School  
(CT):

*“Anyone who has been to an OESIS conference in person can attest to the quality and applicability of the sessions and Think Tanks, so now with OESIS XP, the potential to bring so many more educators to the discussion table is exciting. I know that the teachers in my department could benefit significantly from this.”*

**Dr. Tekakwitha**

**M. Pernambuco-Wise**, Head of  
School, Sea Crest School (CA)

*“Life-long learning is an expectation for Sea Crest's educators and is prioritized at all levels — from the boardroom to administration and all faculty/staff. Professional Development is equally important for small institutions as for larger ones, the difference being that smaller schools generally have fewer resources to allocate for this purpose. As a small, K–8 school the multi-faceted approach that OESIS-XP offers will enable us to further stretch our professional development budget.”*



*development for independent schools. The variety of topics and flexibility of schedule brings colleagues together in a virtual setting that effectively matches expertise with need.”*

**Elaine Swyrn**, Dean of Faculty,  
Bryn Mawr School (MD):

*“A core strength of the OESIS-XP programming is that it models the very 21st century educational best practices that OESIS has endorsed all along. That is, it provides a learning environment that is both personalized and collaborative while using all the advantages of an online format. If*

# Fixed-Price Faculty & Trustee PD



## Purpose and Overview

OESIS is taking our network of 550 schools online in a program of 225–250 Webinars open to all member schools at a fixed annual price of \$50 per faculty member enrolled. We believe that teachers learn best from other teachers because they get exposure to real take-home strategies and they build a network of peers with whom to innovate. Our mission is to increase the velocity of innovation at independent schools, at the lowest possible cost to schools.

## What is the Pricing?

OESIS-XP is available to all member schools at a fixed annual price of \$50 per faculty member enrolled, with a minimum of 30 teachers per school. We are also offering an “All School First-Year Rate” of \$1,999 for up to 100 faculty.

## How does scheduling and enrollment work?

Webinars will take place after school and offer generally an east coast and west coast late afternoon option. Webinar schedules will be released two months in advance and like our conferences classes will be repeated, and they will also be recorded. If you miss a Webinar, you may ask for a recording or ask for it to be repeated live. Classes begin Sept. 1 and conclude June 15. Class size will vary by type of Webinar, whether Class, Think Tank or Keynote. We have a separate moderator on every Webinar managing the chat thread so participants can pose comments and questions.

Thought leaders who are enrolled in OESIS-XP may participate in the OESIS LISTSERV discussion groups to collaborate with their peers at other prestigious independent schools. Visit <http://xpinnovation.rutgersprep.org/signup-oesis.html> for details.

## Other Benefits and Opportunities for XP Network Teachers

**35% discount** on OESIS conferences in Boston and Los Angeles of \$399 per person

**25% discount** on online and face-to-face workshops offered by other OESIS network teachers: in 2017–2018 a number of teachers like Jeff Robin, Founding Faculty at High Tech High (CA), and Doris Korda, Associate Head at Hawken School (OH), will be offering online courses over several weeks on PBL and Entrepreneurship, respectively.

**Free OESIS-XP Canvas account** for all OESIS-XP presenters or teachers wishing to market and offer a PD course to the network. Teachers determine PD content, pricing and course duration. OESIS will host, advise and market.

## Can our teachers present Webinars?

We curate our classes carefully and welcome submissions. After a submission, we have a 30-minute Skype call to assess what is going on in terms of innovation and how it might fit. We pay our teachers for every Webinar as well as provide a credit to come to OESIS conferences, so we have high expectations for each session. Each teacher will be paired with a moderator. We want as many schools as possible to present, so please encourage your teachers to do so. You will find the submission links on our website ([www.oesisgroup.com](http://www.oesisgroup.com)) under the Conferences tab.

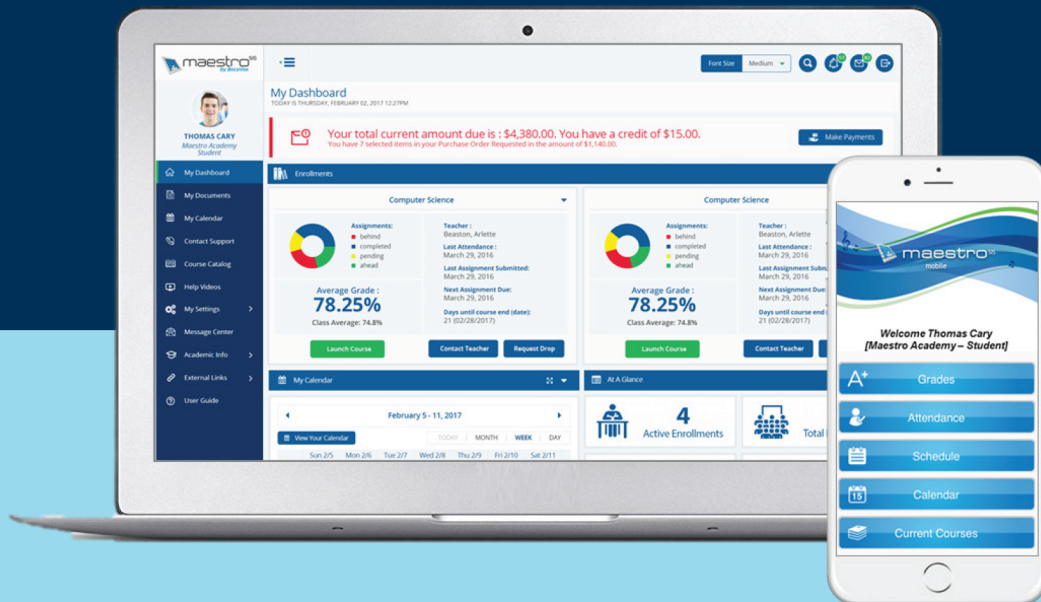
## Will you provide Continuing Education certificates of credit for those schools that require it?

OESIS will provide certificates of participation for teachers, and for teacher-presenters we will be launching an OESIS digital badge of distinction program at various levels.



# THE POWER OF ONE

A Comprehensive Student Information System Software



*Manage your brick & mortar and online schools all in a single SIS with a host of features to support the full student life cycle*

Application & Enrollment Workflow

Multiple Communication Tools

Integrated with All Major LMS's

Individualized Plan of Study

Ledger with Payment Gateway

Support for Competency-Based Ed

Academic Pacing

Automated Grade Reports & Transcripts



# Sunday Afternoon Rotations 3 & 4

Oct. 15, 2017

**Rotation 3** is 3.30 p.m. – 4.00 p.m.

**Rotation 4** is 4.10 p.m. – 4.40 p.m.

Classes of the Future Rotations	Grade Levels and Innovation Attributes	Salon
<b>3.1 Community-Supported Learning</b> <b>4.1 Michelle Simpson-Siegel</b> , Executive Director Oak Meadow (VT)	All Levels <b>INNOVATION ATTRIBUTES:</b> Blended, PBL, Constructivist, Inter-Disciplinary, Novel Scheduling	6
<b>3.2 Humanities &amp; Maker Spaces</b> <b>4.2 Matthew Bavone</b> , U.S. Classics/Academic Technologist; and <b>Abbi Bielski</b> , History Teacher St. Luke's School (CT)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> PBL, Tech Tools, Maker, Inter-Disciplinary	1
<b>3.3 Inter-Disciplinary Mixed Grade Collaboration</b> <b>4.3 Kader Adjout</b> , Director of Upper School, and <b>David Ingenthron</b> , Visual Arts Faculty and Department Chair Beaver Country Day School (MA)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> Inter-Disciplinary, PBL, Design Thinking, Constructivist	7
<b>3.4 Mastery-Based Integrated Math &amp; Science</b> <b>4.4 David Reeder</b> , Integrative Math and Science Coordinator, Northfield Mount Hermon School (MA)	High School <b>INNOVATION ATTRIBUTES:</b> Mastery-Based, Novel Scheduling	2
<b>3.5 Passion-Based Learning Through Social</b> <b>4.5 Media</b> <b>Nate Green</b> Tech. Integration & Information Specialist Flint Hill School (VA)	High School <b>INNOVATION ATTRIBUTES:</b> Blended, Entrepreneurial, Inter-Disciplinary, Mastery, Formative Assessments, Novel Scheduling, Game-Based	3
<b>3.6 Public Design Challenges</b> <b>4.6 Brent Powell</b> , Dean of Academic Program <b>Marco Masoni</b> , Dean of Innovation The Derryfield School (NH)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> Blended, PBL, Design Thinking, Entrepreneurial, Inter-Disciplinary, STEAM, Global	4
<b>3.7 The New STEAM Project</b> <b>4.7 Graig Marx</b> , Science Department Chair, STEM and Research Program Coordinator Winchester Thurston School (PA)	Middle and High School <b>INNOVATION ATTRIBUTES:</b> PBL, Design, Entrepreneurial, Maker, Inter-Disciplinary, 21st Century Space	5



**VERACROSS**  
SCHOOL INFORMATION SYSTEMS

[www.veracross.com](http://www.veracross.com)

**GoGuardian**

**The Complete 1:1  
Smart Solution**

Powerful, easy-to-use device  
management tools.

Built for chrome



Visit [goguardian.com](http://goguardian.com) or call us at 888-310-0410  
to learn more and start your **FREE** trial today.

Session A: 1.30 p.m. – 2.20 p.m. Sunday	Salon
<p><b>A.1 Alternative Scheduling &amp; Self-Directed Models in Math</b></p> <ul style="list-style-type: none"> <li>• <b>Yasmin Saban</b>, <i>Mathematics Department Chair</i>, St. Andrew's Schools, The Priory (HI)</li> <li>• <b>Victoria Montgomery</b>, <i>Math Teacher</i>, Peddie School (NJ)</li> <li>• <b>David Reeder</b>, <i>Math &amp; Science Coordinator</i>, Northfield Mount Hermon School (NJ)</li> <li>• <b>Harrell Rentz</b>, <i>Math Teacher</i>, Flint Hill School (VA)</li> </ul> <p><b>Description:</b> In this Think Tank we look at self-paced and standards-based approaches to offering students more control over their learning in Math classes. From Algebra classes to Blended calculus classes we also examine ways students are encouraged and empowered to design their own innovative classroom models by creating individualized learning experiences. We look at the effect of eliminating high-stakes testing, and introducing short-term, progress-based assessments and creating shared-learning opportunities.</p>	6
<p><b>A.2 Defining Cross-Curricular Skills &amp; Going Inter-Disciplinary</b></p> <ul style="list-style-type: none"> <li>• <b>Tara Quigley</b>, <i>Teacher and Director of the Interdisciplinary Studies Fellowship Program</i>, Princeton Day School (NJ)</li> <li>• <b>Kader Adjout</b>, <i>Director of Upper School</i>, Beaver Country Day School (MA)</li> <li>• <b>Jane Sidey</b>, <i>Director of Teaching &amp; Learning</i>, Park Tudor School (IN)</li> <li>• <b>Kelly Lyn Wilson</b>, <i>Director, Innovative &amp; Entrepreneurial Programs</i>, Severn School (MD)</li> </ul> <p><b>Description:</b> With significant focus in schools at offering classes that go beyond content mastery to 21st century skills, in this Think Tank we look at what skills are enabled, how learning can cross disciplines, the challenges of design and assessment, and the outcomes that are possible in increasingly creativity-focused environments.</p>	4
<p><b>A.3 Is Less More? Reanalyzing Course of Study Breadth and Choice</b></p> <ul style="list-style-type: none"> <li>• <b>Jon Shee</b>, <i>World Languages Dept. Chair</i>, St. Luke's School (CT)</li> <li>• <b>Sean Riley</b>, <i>Academic Dean</i>, Stony Brook School (NY)</li> <li>• <b>Sanje Ratnavale</b>, <i>President</i>, OESIS Group (CA)</li> </ul> <p><b>Description:</b> How can schools provide the kinds of opportunities that are featured as Classes of the Future, whether Blended, Project-based or Inter-disciplinary without blowing up the whole business models of schools? In this Think Tank, hear from schools that have adapted their Course of Study to offer exposure, acceleration, and greater student command and control into a historically hard-wired environment.</p>	2

Session A: 1.30 p.m. – 2.20 p.m. Sunday	Salon
<p><b>A.4 Launching an Entrepreneurial Leadership Initiative at Your School</b></p> <ul style="list-style-type: none"> <li>• <b>Tony Ospezin Harris</b>, <i>Innovator in Residence</i></li> <li>• <b>Professor Heidi Neck</b>, Babson College (MA)</li> <li>• <b>Jalaj Desai</b>, <i>Head of Upper School</i>, Saddle River Day School (NJ)</li> </ul> <p><b>Description:</b> Recently, interest in Entrepreneurial Leadership has skyrocketed. Is your school considering launching an EL program? This workshop will provide you with the practical steps needed to build an EL ecosystem. We'll review the pedagogical rationale for an EL initiative, the current competitive landscape, and how an EL program is related to broader pedagogical changes and trends happening in education. We'll then dive into the following practical issues:</p> <ul style="list-style-type: none"> <li>• how to sell an EL initiative to the various constituencies (board, HOS, leadership team, faculty, parents, alumni, students)</li> <li>• how to fund an EL initiative</li> <li>• how to incrementally build the components (courses, summer camp, apprenticeship program, in-house accelerator, rocket-pitch events and innovation lab) of an EL ecosystem</li> <li>• what resources are required</li> <li>• who to hire and the pros and cons of buying a curriculum versus designing in-house</li> </ul> <p>Finally, we'll look at some curricular and professional development resources available to you.</p>	3
<p><b>A.5 Transforming the Use of Data in Your Classroom — For Students and Teachers</b></p> <ul style="list-style-type: none"> <li>• <b>Jill Abbott</b>, <i>Executive Director</i>, Eight Schools Association (DC)</li> <li>• <b>Glenn Milewski</b>, <i>Chief Program Officer</i>, ERB (NY)</li> <li>• <b>Devin Vodicka</b>, <i>Chief Impact Officer</i>, AltSchool (CA)</li> <li>• <b>Carolyn Wilson</b>, <i>Director of Advancement</i>, AltSchool (CA and NY)</li> </ul> <p><b>Description:</b> Data use by teachers is often misunderstood. This topic is complex and having a good understanding of what data, how to collect the data, and how to use the data often is ignored or used out of context. This presentation will cover the traditional and historical use of data, new approaches to data, and a broad overview of data use in the classroom for public and private schools (for both teachers and students).</p>	5



Session B: 4.55 p.m. – 5.50 p.m. Sunday	Salon
<p><b>B.1 Are Communication Skills Impaired or Enabled by Technology?</b></p> <ul style="list-style-type: none"> <li>• <b>Ray Ravaglia</b>, <i>Chief Learning Officer</i>, Opportunity Education.org</li> <li>• <b>Stephen Valentine</b>, <i>Director of Academic Leadership</i>, Montclair Kimberley Academy (NJ)</li> <li>• <b>Nate Green</b>, <i>Tech. Integration &amp; Information Specialist</i>, Flint Hill School (VA)</li> </ul> <p><b>Description:</b> Stephen Valentine has written a book about the ways in which educators and school leaders can function best in a world that, so often, ties together online and offline experiences. Educators and school leaders can be graceful in these transitions. We can exhibit manners and morals and all those intangible things that make human beings decent, kind and productive. In this Think Tank, Stephen examines what, exactly, lends grace to online-offline shifting or, as it's often called in schools and corporate settings, blended practice, and how can we (educators, parents, caregivers and students alike) apply these practices in our respective roles?</p>	6
<p><b>B.2 The Mastery Transcript Consortium</b></p> <ul style="list-style-type: none"> <li>• <b>Doris Korda</b>, <i>Executive Director of Wildfire Education and Director of Entrepreneurial Studies</i>, Hawken School (OH)</li> </ul> <p><b>Description:</b> As a follow-up to Scott Looney's keynote, this Think Tank will dive deeper into an initiative that has garnered attention nationally to attack a traditional barrier to learning transformation — what and how schools assess the learning progression of their students for college readiness. Hear from those leading schools in the consortium and the granular plans to make this movement thrive over the medium term.</p>	3
<p><b>B.3 Attracting Non-STEM Students to Computer &amp; Other Sciences</b></p> <ul style="list-style-type: none"> <li>• <b>David Nassar</b>, <i>Computer Science Department Chair</i>, Winchester Thurston School (PA)</li> <li>• <b>Graig Marx</b>, <i>Science Department Chair</i>, Winchester Thurston School (PA)</li> <li>• <b>Aidyl Gonzalez-Serricchio</b>, <i>Co-Chair Science Dept. 6–12 &amp; STEAM Director K–12</i>, Buckley School (CA)</li> </ul> <p><b>Description:</b> Hear from schools that have succeeded in attracting more students and girls to self-identify as interested in the STEM opportunities they provide by redesigning courses and learning environments. This includes a presentation by Winchester Thurston on the introductory course for computer science that has three different versions:</p> <ul style="list-style-type: none"> <li>• CS for Math and Science</li> <li>• CS for Humanities</li> <li>• CS for Art and Music</li> </ul> <p>These three “flavors” of computer science have attracted students to taking CS who would have otherwise indicated they didn't see a use for the discipline. As a result, the number of students enrolled in CS courses at the school has increased dramatically.</p>	7

Session B: 4.55 p.m. – 5.50 p.m. Sunday	Salon
<p><b>B.4 How Do You Measure Social Emotional Learning?</b></p> <ul style="list-style-type: none"> <li>• <b>Matt Nink</b>, <i>Executive Director</i>, Lake Forest Academy Student Center for Global Leadership (IL) and Global Youth Leadership Institute (WI)</li> <li>• <b>John Strudwick</b>, <i>Head of School</i>, Lake Forest Academy (IL)</li> </ul> <p><b>Description:</b> In this Think Tank, Lake Forest Academy discusses its Global Youth Leadership Institute and how over the years it has learned how to measure social and emotional learning.</p>	4
<p><b>B.5 Creating Collaborations for Online and Blended Learning and Cross Campuses</b></p> <ul style="list-style-type: none"> <li>• <b>Claire Goldsmith</b>, <i>Executive Director</i>, MSON</li> <li>• <b>Jill Abbott</b>, <i>Executive Director</i>, Eight Schools Association (DC)</li> <li>• <b>Jared Colley</b>, <i>English Department Chair</i>, Oakridge School (TX)</li> <li>• <b>Lori Hébert</b>, <i>Consultant Director</i>, The Bay Area BlendEd Consortium (CA)</li> </ul> <p><b>Description:</b> Do you want to open up the virtual doors of your school and collaborate to create more opportunities for your students through online and blended learning? Do you want to offer blended learning for students, but lack sufficient resources? This panel discussion begins by dissecting examples of consortia and identifying challenges and innovative instructional strategies. Next, the participants attending this panel will discuss critical questions for different models of learning and consider ways in which they might collaborate in their own contexts.</p>	2
<p><b>B.6 Customizing Courses for International Students &amp; Markets with OESIS-X School Consortium</b></p> <ul style="list-style-type: none"> <li>• <b>Sanje Ratnavale</b>, <i>President</i>, OESIS Group (CA)</li> <li>• <b>Kevin Merges</b>, <i>Executive Director Global Education</i>, Rutgers Prep School (NJ)</li> </ul> <p><b>Description:</b> In this session we look at what pedagogical and curricular tweaks and redesigns can dramatically improve the learning for international students. We look at the carefully researched approach that we are deploying with OESIS-X Blended synchronous courses into the Chinese market. We look at the meaning of sheltered courses and we look at what a 12th Grade College Bridge Program can accomplish for a school.</p>	5

#### INNOVATION ATTRIBUTES:

◆ Blended ◆ Data Use ◆ Design Thinking ◆ Entrepreneurial  
 ◆ Formative Assessments ◆ Games ◆ Global  
 ◆ Integrated Disciplines ◆ New Formative Assessments  
 ◆ New Media ◆ MOOC/SPOCS ◆ Online ◆ PBL ◆ STEAM  
 ◆ Tech Tools ◆ 21st Century Space Use



The Leading Network for Innovation at Independent Schools

**OESIS Honolulu**

Jan. 20, 2018

**OESIS Bangalore**

Date to be announced soon

Rotation 5 is 9.15 a.m. – 9.45 a.m.

Rotation 6 is 9.55 a.m. – 10.25 p.m.

Classes of the Future Rotations	Grade Levels and Innovation Attributes	Salon
<b>5.1 Self-Paced Mathematics</b> <b>6.1 Yasmin Saban</b> , <i>Mathematics Department Chair</i> St. Andrew's Schools, The Priory (HI)	Middle and High School INNOVATION ATTRIBUTES: Blended, Design Thinking, Mastery	1
<b>5.2 Abnormal Clinical Psychology</b> <b>6.2 Priya Singhvi</b> , <i>Upper School Counselor</i> , Greenhill School (TX) and <i>Abnormal Psychology</i> <i>Instructor</i> , GOA	Middle and High School INNOVATION ATTRIBUTES: Online, PBL, Design Thinking, Inter-Disciplinary, Global, New Diversity Programs	2
<b>5.3 Blended Learning for Pre-K through 5th</b> <b>6.3 Grade Students</b> <b>Kelly Bryant</b> , <i>Pre-K Teacher</i> ; <b>Sarah Allen</b> , <i>1st</i> <i>Grade Teacher</i> ; and <b>Megan McManus</b> , <i>5th Grade</i> <i>Teacher</i> , Indian Creek School (MD)	Elementary School INNOVATION ATTRIBUTES: Blended, Online, Design Thinking, Constructivist, Inter-Disciplinary	3
<b>5.4 Cross-Curricular Competencies across the</b> <b>6.4 Traditional Spectrum</b> <b>Lauren Ledley</b> , <i>Upper School History Teacher</i> and <i>Academic Tech Coordinator</i> ; and <b>Maria Shepard</b> , <i>Upper School History Teacher</i> and <i>Global Studies</i> <i>Coordinator</i> , Princeton Day School (NJ)	Middle and High School INNOVATION ATTRIBUTES: PBL, Design Thinking, Inter-Disciplinary, Tech Tools, Global	4
<b>5.5 Discovering Poetry Through Maker-Space</b> <b>6.5 Projects</b> <b>Amy Alsip</b> , <i>English Teacher</i> , Oakridge School (TX) & GOA	Middle & Elementary School INNOVATION ATTRIBUTES: Maker, Inter-Disciplinary	5
<b>5.6 Empathy Enabled 3D Printing</b> <b>6.6 Rich Lehrer</b> , <i>Innovation Coordinator</i> Brookwood, Manchester-By-The-Sea (MA)	All Levels INNOVATION ATTRIBUTES: Online, PBL, Design Thinking, Maker, STEAM, 3-D	6
<b>5.7 Evolving the Blending of Languages —</b> <b>6.7 Five Years On</b> <b>Matthew Bavone</b> , <i>U.S. Classics/Academic</i> <i>Technologist</i> <b>Jon Shee</b> , <i>World Languages Department Chair</i> St. Luke's School (CT)	Middle and High School INNOVATION ATTRIBUTES: Blended, Online, Mastery, Tech Tools, Novel Scheduling, Global, 21st Century Space	7
<b>5.8 Middle School Computer Science</b> <b>6.8 David Piemme</b> , <i>Teacher and EdTech Coordinator</i> Winchester Thurston School (PA)	Middle School INNOVATION ATTRIBUTES: PRBL, Maker, Tech Tools	8

### Have you signed up for the OESIS-XP LISTSERV discussion groups?

OESIS conference attendees may sign up for our new LISTSERV discussion groups to collaborate with other educators after OESIS conferences. Each list is managed by one or more OESIS Network Leaders, who maintain a vibrant and active slipstream for conversations. LISTSERV groups focus on Academic Administration, Art, Elementary, English, History, International Education, Math, PBL & Interdisciplinary, Science, Tech Tools for Teachers, and World Languages.

Sign up at <http://xpinnovation.rutgersprep.org/signup-oesis.html>

## The 21st Century Experience Economy & its Outgrowths



**Sanje Ratnavale**  
President  
OESIS Group (CA)

Sanje Ratnavale, the President of the OESIS Group, has held senior administrative positions at independent schools including Associate Head of School at a K–12 school for seven years and High School Principal for three years. He has taught Latin and History at the high and middle school levels. His educational career spans both British (Windlesham House School in Sussex) and American (Marlborough School and Sierra Canyon School in L.A.) independent schools, including boarding, single-sex and co-ed institutions respectively. He was one of three founding administrators and the financial architect of a new greenfield non-profit independent school built on the outskirts of L.A. which grew into a K–12 institution with \$80 million in assets during his seven-year tenure. Prior to making a switch to education, Sanje spent 15 years in venture capital, investment banking and senior C-level management. He was educated at Christ Church, Oxford University (B.A. and M.A. in Jurisprudence) and the British independent school system (Harrow School).

## Monday Rotations 7 & 8

Rotation 7 is 1.30 p.m. – 2.00 p.m.

Rotation 8 is 2.10 p.m. – 2.40 p.m.

Classes of the Future Rotations	Grade Levels & Innovation Attributes	Salon
<b>7.1 Applied Science &amp; Sustainable Systems</b> <b>8.1 Dr. Aidyl S. Gonzalez-Serricchio</b> , Co-Chair Science Dept., STEAM Director and Science Teacher, Buckley School (CA)	High School INNOVATION ATTRIBUTES: STEAM, STEM, PBL	1
<b>7.2 Blended Algebra</b> <b>8.2 Nichole Foster-Hinds</b> , Middle School Director Holton-Arms School (MD)	Middle and High School INNOVATION ATTRIBUTES: Blended, PBL, Design Thinking, Inter-Disciplinary, Mastery	2
<b>7.3 Community is the Curriculum in English</b> <b>8.3 Jared Colley</b> , English Department Chair Oakridge School (TX)	Middle and High School INNOVATION ATTRIBUTES: Inter-Disciplinary	3
<b>7.4 Computational Thinking &amp; PBL in 7th Grade</b> <b>8.4 Mary Dobroth</b> , Director of Academic Technology, Holton-Arms School (MD)	Middle School INNOVATION ATTRIBUTES: Maker-Based, STEAM	4
<b>7.5 Faculty Training in a Future-Based Class</b> <b>8.5 Environment</b> <b>Lise Charlier</b> , Director of Studies and Strategic Initiatives, <b>Mary Carrington</b> , Director of Library Services, and <b>Julia Maxey</b> , Upper School Technology Coordinator, Severn School (MD)	All Levels INNOVATION ATTRIBUTES: Blended, Inter-Disciplinary, Mastery, Novel Scheduling, 21st Century Space, PD	5
<b>7.6 How Picasso Would Paint Curricula: STEM</b> <b>8.6 for Interdisciplinary</b> <b>Christopher Player</b> , STEM Integrator & Innovation Lab Manager, The Winsor School (MA)	High School INNOVATION ATTRIBUTES: PBL, Design Thinking, Maker, Inter-Disciplinary, STEAM	6
<b>7.7 Online Collaboration in Music</b> <b>8.7 Jeff Torchon</b> , Music Teacher, Germantown Friends School (PA) and GOA	High School INNOVATION ATTRIBUTES: Online, Design Thinking	7



## Session C: 11.40 a.m. – 12.30 p.m. Monday

Salon

## C.1 Designing Toward a Competency-Based Faculty Culture

2

- **Jason Cummings**, *Faculty Experience Coordinator and Instructional Designer*, GOA (WA)

**Description:** What is competency-based education and how do you get there? How can school leaders begin to transition academic culture from a traditionally rigorous approach to one that is infused with the thinking behind mastery learning? What are the steps along the way? What role does blended and online leadership play in building this culture? Over the past 18 months, Global Online Academy has endeavoured to reorient our 50 courses and 70 faculty members to a competency-based approach to teaching and learning. While there is work yet to be done, the cultural foundations are in place and our faculty have each taken a number of important steps to transition their course design and teaching practice in this direction. This Think Tank session proposes to reflect on our process and what we have learned along the way as we lead a conversation around the competency-based transition and faculty culture.

## C.2 Strategies for Building a New Faculty Culture

3

- **Richard Branson**, *Head of School*, Indian Creek School (MD)
- **Mike Cobb**, *Head of School*, All Saints Episcopal School (TX)
- **Jason Kern**, *Chief Learning & Innovation Officer*, All Saints Episcopal School (TX)
- **Sanje Ratnavale**, *President*, OESIS Group (CA)

**Description:** Creating meaningful change at your school requires more than starting initiatives; it requires a change in the school culture. Faculty culture remains the primary barrier to school transformation. Hear from schools that are attacking this in creative and impactful ways. We will discuss how using systems like Scrum can be deployed, how faculty cohorts can grow, how mindsets can be changed and how encouraging passions to become ponderings that are then put into practice can help change an entire school culture.

## C.3 A School-Wide Project to Determine Applicability of the 2017 Learning Innovation Report

6

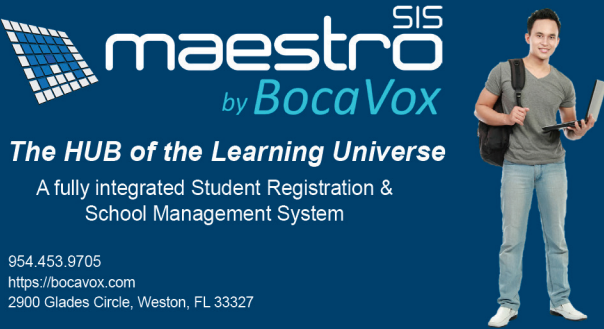
- **Scott Gill**, *Director of Student Services and Chair of the Health and Wellness Department*, Rutgers Prep School (NJ)
- **Heather Masterpol**, *Dean of Faculty, Science Faculty*, Rutgers Prep School (NJ)
- **Mark Nastus**, *Director of Technical Services*, Rutgers Prep School (NJ)
- **Carole Zboray**, *Science Department Chair*, Rutgers Prep School (NJ)

**Description:** The OESIS Learning Innovation Report surveyed 250 schools on their academic interests, challenges and opportunities. Many have seen some of the conclusions as controversial, others as provocative but fair, and others as timely. The Head of School at Rutgers Prep asked a committee to examine their responses to the report. Hear an unvarnished assessment of their thoughts.

Session C: 11.40 a.m. – 12.30 p.m. Monday	Salon
<p><b>C.4 Student Agency — Strategies and Opportunities</b></p> <ul style="list-style-type: none"> <li>• <b>Carolyn Wilson</b>, <i>Director of Advancement</i>, AltSchool (CA and NY)</li> <li>• <b>Jared Colley</b>, <i>English Department Chair</i>, Oakridge School (TX)</li> <li>• <b>Lise Charlier</b>, <i>Director of Studies and Strategic Initiatives</i>, Severn School (MD)</li> <li>• <b>John Barrengos</b>, <i>Director of Admission &amp; Financial Aid</i>, The Putney School (VT)</li> <li>• <b>Susan Davis</b>, <i>Director of PD</i>, ATLIS</li> </ul> <p><b>Description:</b> In this Think Tank led by Altschool we look at the goal of more student control over their learning and their efforts to create learning environments which give all learners deep experience with Papert’s 4 Ps (projects, passions, peers and play). The desired outcome of these learning environments has always been for learners to become self-directed humans who are empowered to take meaningful action in their own lives and to make positive contributions to the world. What are the mindsets and practices that educators must embrace to build student agency? Which traditions and mindsets are outdated and which are foundational for this important work? Can technology help us build student agency? Hear about their Learner Portrait and Playlist as tools to support agency, but pedagogy and practice drive the use of the product. Altschool is joined in this Think Tank by a panel of independent school collaborators.</p>	5
<p><b>C.5 Student Wellness At What Cost? Defending Adolescent Development in Fiercely Competitive Schools</b></p> <ul style="list-style-type: none"> <li>• <b>Priya Singhvi</b>, <i>Upper School Counselor</i>, Greenhill School (TX) and <i>Abnormal Psychology Instructor</i>, Global Online Academy</li> <li>• <b>David Gleason</b>, <i>Psychologist</i>, Concord Academy (MA)</li> </ul> <p><b>Description:</b> Anxiety and depression, and their dangerous manifestations — substance abuse, eating disorders, self-injury and suicide — are increasing student conditions in competitive schools throughout the U.S. and around the world. Paradoxically, most of these schools promote themselves as educational communities committed to students’ holistic development in academics, athletics and the arts, as well as in their personal, social and emotional growth. So why are so many students struggling? In this Think Tank, we examine how adults intending to educate and parent adolescents in healthy and balanced ways can recruit educators to more “empathic ways of operating” that respect adolescents’ true developmental capacities, and do not interfere with their developmental trajectories or threaten their mental and physical health.</p>	4

Session D: 2.50 p.m. – 3.45 p.m. Monday	Salon
<p><b>D.1 Middle Schools as Testbeds for Driving 21st Century K–12 School Transformation</b></p> <ul style="list-style-type: none"> <li>• <b>Nichole Foster-Hinds</b>, <i>Middle School Director</i>, Holton-Arms School (MD)</li> <li>• <b>JJ Morrissey</b>, <i>Head of Middle School</i>, Poughkeepsie Day School (NY)</li> <li>• <b>Kelly Lyn Wilson</b>, <i>Director, Innovative &amp; Entrepreneurial Programs</i>, Severn School (MD)</li> <li>• <b>David Piemme</b>, <i>Teacher and Ed Tech Coordinator</i>, Winchester Thurston School (PA)</li> </ul> <p><b>Description:</b> At this critical juncture of student development, the middle school years, we are seeing the emergence of significant innovation in learning models, much more so than in high schools with their college constraints. Hear from some leading educators what they have implemented with success and what might be next.</p>	4
<p><b>D.2 Ten Things that Do Not Belong in a School of the Future</b></p> <ul style="list-style-type: none"> <li>• <b>Mike Cobb</b>, <i>Head of School</i>, All Saints Episcopal School (TX)</li> <li>• <b>Jason Kern</b>, <i>Chief Learning &amp; Innovation Officer</i>, All Saints Episcopal School (TX)</li> </ul> <p><b>Description:</b> As we transition to new learning environments, simply adding things to our physical spaces and teaching toolkits can be overwhelming. Let's get together to discuss and debate what are the most important things that we must let go of physically, pedagogically and even emotionally to allow our students to acquire the success skills necessary for their future.</p>	5
<p><b>D.3 The Implications for Teachers without 20th Century Tools of Motivation</b></p> <ul style="list-style-type: none"> <li>• <b>Ray Ravaglia</b>, <i>Chief Learning Officer</i>, Opportunity Education.org</li> <li>• <b>Joel Backon</b>, <i>Director of Academic Technology &amp; History, and Political Science Teacher</i>, Choate Rosemary Hall (CT)</li> <li>• <b>Brad Belin</b>, <i>History Department Chair &amp; PBL Coach</i>, Fessenden School (MA)</li> </ul> <p><b>Description:</b> In this Think Tank, we examine the crutches that we have relied upon for decades — whether a highly structured schedule, a dependence to content, a preference for an established sequence, or a generic assessment environment to give us the tools of motivating and shepherding students. How can teachers cope without them? How do we know which teachers are most ready to adapt and how do we provide alternate methodologies?</p>	2

Session D: 2.50 p.m. – 3.45 p.m. Monday	Salon
<p><b>D.4 Redesigning School and Student Experiences for Virtual Reality, Artificial Intelligence and Holographic Collaboration</b></p> <ul style="list-style-type: none"> <li>• <b>Kwaku Aning</b>, <i>Director of Learning Innovation and Instructional Design</i>, Lausanne Collegiate School (TN)</li> <li>• <b>Sanje Ratnavale</b>, <i>President</i>, OESIS Group (CA)</li> <li>• <b>Kevin Merges</b>, <i>Executive Director Global Education</i>, Rutgers Prep School (NJ)</li> </ul> <p><b>Description:</b> In this Think Tank, we look at:</p> <ul style="list-style-type: none"> <li>• where virtual reality might impact schools</li> <li>• how students can design their own VR environments</li> <li>• the impact on distance collaboration and PBL</li> </ul>	3
<p><b>D.5 How Can Networked Learning Empower Students to Spark Real-World Change?</b></p> <ul style="list-style-type: none"> <li>• <b>Emily Hamlin</b>, <i>Instructional Designer</i>, Global Online Academy (WA)</li> </ul> <p><b>Description:</b> This spring, Global Online Academy students were charged with applying their learning to advocate for a local issue during the Catalyst Conference (<a href="http://goaconference.org/">http://goaconference.org/</a>), an event that brought together 300 students from 65 schools in 10 different GOA courses on one interdisciplinary website. Using this model as a lab for conversation, attendees will:</p> <ul style="list-style-type: none"> <li>• experience the impact of networked and advocacy-driven learning through guided exploration of student projects, as well as insights from teachers and students</li> <li>• share strategies for the construction of their own strategy kit to facilitate the work of applying these principles to their own classrooms</li> </ul>	6



**maestro<sup>SIS</sup>**  
by **BocaVox**

**The HUB of the Learning Universe**

A fully integrated Student Registration & School Management System

954.453.9705  
<https://bocavox.com>  
2900 Glades Circle, Weston, FL 33327

To advertise in future OESIS publications, please email [sponsors@oesisgroup.com](mailto:sponsors@oesisgroup.com).

**OESIS organizes the leading network for innovation at 550+ prestigious independent schools.**





Professional  
Education

## FACULTY LED. RESEARCH DRIVEN. PRACTITIONER FOCUSED.

Through transformative adult learning,  
we elevate student learning.

### UPCOMING ONLINE PROGRAMS:

- **Project Zero Online**  
February 26–May 27, 2018  
[hgse.me/pppezonline](https://hgse.me/pppezonline)
- **Two-Week Online Workshops**  
Fall series registration is now open  
[hgse.me/ppeworkshops](https://hgse.me/ppeworkshops)
- **Certificate in Advanced Education Leadership**  
Modules begin in the fall, spring, and summer  
[hgse.me/ppecael](https://hgse.me/ppecael)

*For a complete list of more than 40 programs for K-12 teachers, school leaders, and district leaders, visit [hgse.me/ppek12](https://hgse.me/ppek12)*



“Professional Education programs are instructional communities that aid leaders and practitioners in developing hands-on solutions to inspire powerful change.”

—André Morgan, Former Program Director, Raise Your Hand Texas;  
Ed.L.D. Class of 2019