The Occasion, 
Rob Denson
· Close the gap. So there is a number we can track.
· Aligning crossroads of STEM 1.0
· SHEC have accomplished more in 1 year, we are joined at the source with industry leaders.

Effective Enrollment Strategies
· Engage communications team in out-reach to students.
· Admissions officers play a key role in getting students to apply to their schools.

Equity in Education: A Fireside Chat, 
George Miller
· Access and Opportunity are the greatest gift to underrepresented students.
· STEM is the answer to the wage gap.

Keynote: America Needs Talent, Jamie Merisotis
· The future of America depends on the future of its talent.
· America needs a diverse and competent workforce to enable it to compete globally in the fast changing 21st Century.

Using the Missouri Innovation Campus Model to Meet Workforce Demands
· Win the war over talent.
· Students are finding purpose with disrupting their degrees.
· Providing real life experiences for students such as developing software for globally known companies.

Keynote: College Disrupted, Ryan Craig
· “Full Stack” education delivers learning experiences that produce graduates with the specific skillsets that employers desire.
· To close the gap between dissatisfied students and dissatisfied employers, combine skills training with job matching/placement.

Retention in the STEM Ecosystem
· Students need individualized education.
· Introduce entrepreneurship into K-12 education.

Research, the Forgotten STEM Careers
· There is a need to humanize engineering and science.
· In order to transform our students, we must transform our faculty. Focus on leadership development.
· Instead of keeping the academic environment separated, create space that facilitates shared innovation.

Boothing America’s Innovation, 
Dr. Martha Kanter
· Disruption = Improvement = Growing stronger
· Two-thirds of jobs in the U.S. will need more than a high school diploma to get a job.
· This is about impact and we have to do 4 things:
  (i) Redesign Work-study
  (ii) Loan forgiveness
  (iii) Internship
  (iv) Scholarships
· There is too much under preparation. Half of the students in the U.S. are not ready. Get every student a mentor and build the pipeline to job readiness from K through 12.

Keynote: Creating Opportunities through Integrating Sectors, 
Dr. Peter Stokes
· The key outcome is career success.
· Motivate the demand chain. Businesses have realized that they can’t rely on higher education institutions to supply the right workforce.

Aligning College Majors To In-Demand Jobs
· Collaborate in the classroom to compete in the workforce.
· Fab Labs align STEM learning with passion for fun and play.

Expanding the SCOPE of Experiential Learning: Student TED Talk
· The field of Technology is so broad and fast changing that students must learn by participating.
· Experimental labs provide a workspace for projects or innovations.

STEM Talks: Scaling STEM Success
· If you want to be an accelerator in STEM, you have to be willing to change.
· If we want to change the metrics, we need college professors and administrators talking to businesses.
· Build the purpose back into college.

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· Motivate the demand chain. Businesses have realized that they can’t rely on higher education institutions to supply the right workforce.

Industry and Experiential Education
· Industry must work with local higher education institutions and the community to produce outstanding students.
· Instead of trying to bring the students to STEM, we must bring STEM to students.

Broadening STEM Participation of Diverse Populations
· STEM is a valuable social mobility tool, especially for underrepresented students.
· Focus on change at the faculty level, because students come and go.

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Closing Statements, 
Edie Fraser
“Disruption in higher education is critical to ensure a paradigm shift in STEM learning. Effective leaders adapt and drive change in innovative ways. We encourage all to join in the disruption movement, change higher education for the better, and help students succeed in STEM jobs.”